Lancaster Farming

VOL. 28 No. 1 | Five Sections | Lancaster Farming, Saturday, November 6, 1982 | $7.50 per year

During first annual meeting

Dairymen Inc. reports productive year

BY JOYCE BUPP
Staff Correspondent

TIMONIUM, Md. — Several hundred members and guests of the Middle Atlantic division of Dairymen, Inc., turned out last Saturday for their first annual meeting held at the Hunt Valley Inn.

Fomerly Maryland Cooperative Milk Producers, the 1,200 members merged last August with Dairymen, Inc., to become one of 14 regional divisions of the production and marketing cooperative with more than 8,000 members, headquartered in Louisville, Kentucky.

In a full morning of business, members heard reports from their leadership, studied financial figures, enjoyed film clips of advertising for their new Ultra High Temperature milk, and wrapped up the session with a lively, sometimes heated, question-answer period.

Division president Fred Butler of Innwood, West Virginia, cited changing government attitudes as part of the dairy farm over-production problem. While production continues to rise, consumer demand overall is stagnant, and Butler warned that the supply-demand must be brought closer together.

He called for legislators and other government officials to have the foresight to develop methods to help bring production more in line, suggesting a restructured pricing system, curbing of imports, expanded exports and less imitation and substitute dairy products, to help reduce Commodity Credit Corporation purchases.

Producers must assume their share of the responsibility of surplus too, division manager Ralph Strock warned the Dairymen members.

"If dairy farmers don't get their act together to solve the surplus problem, we will deserve whatever Congress metes out," he advised, adding that "the storm warning has been out for two years."

Calling the inflexible parity rate of 80 percent the "product of our own seeds," Strock challenged dairymen to "produce for the stomach, not for storage, and lift the helping hand of government that smothers independence."

Strock praised Dairymen Inc. for its willingness to take risks toward providing a better first-class market in upcoming years, noting that the "landscape is cluttered with the corpses of dairy cooperatives and industries whose vision has been dubbed the 'now' generation."

In 1978, Dairymen purchased the Flav-O-Rich milk product packaging and marketing business. While two million dollars was lost the first year, operations the four years since have made $20 million.

More recently, Strock noted, Dairymen has taken another risk in pioneering the production and marketing of Ultra High Temperature milk, or sterile milk, with a shelf life of several months.

Initial marketing of the UHT product in Georgia and Florida was so successful that advertising

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Fred G. Butler was re-elected to the presidency of the board of Middle Atlantic division of Dairymen Inc. during a reorganization session following the annual meeting last Saturday. Returned to the vice presidency was Samuel B. Foard, Jr.

Third in a Series
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LCCD launches erosion survey in county

BY DONNA TOMMELLEO

LANCASTER — The Lancaster County Conservation District, at their monthly meeting Wednesday, announced the start of an Erosion and Sedimentation Evaluation project throughout Lancaster County, said LCCD Administrator Thomas Johnston.

The project, which will begin with field inspections next month, is geared to evaluate the effectiveness of the state's Clean Streams Law, instituted in 1972.

"We want to see how well the laws are working," Johnston explained.

The 10-year-old statute requires all earthmoving operations, including plowing and tilling for agriculture, to have a plan for controlling erosion. A recent state study indicated that conservation plans are needed on 45 percent of the farms in the Susquehanna basin.

Under the direction of resource conservationist Timothy Breneisen, the survey will include 10 municipalities and 20 randomly-picked farms. In addition, Breneisen noted he also will evaluate housing developments and construction sites.

The project, handed down from the Department of Environmental Resources, has been adopted by six other counties in Pennsylvania, Johnston said.

The District will conduct an Erosion and Sedimentation workshop on Jan. 27, at the Farm and Home Center. The one-day seminar said Johnston is designed for providing information to engineers and municipal officials.

In other District news, the group reaffirmed its opposition to the proposed Narvon hazardous waste dump. A recent LCCD report states: "The LCCD is not convinced that landfilling is the best way of dealing with the hazardous waste problem. We feel that in most cases, the generator of the hazardous waste should take steps to recycle the hazardous constituents, (which in many cases are quite valuable) or render them harmless through other processes."

The District charged that current scientific knowledge about hazardous waste degradation is imperfect and that many such wastes in disposal facilities will not degrade to a point where they are no longer hazardous.

Additional District business slated several important dates on the LCCD calendar. A Citizen Planning/Workshop, sponsored by the County Planning Commission is scheduled for Nov. 11, 16, 23 and 30 at 7:30 p.m. on the sixth floor of the Court House. A Conservation Tillage Conference will take place on March 15 at the Farm and Home Center. And the LCCD Annual Banquet will be held on Thursday, March 24, at the Blue Ball Fire Hall.

Aerial spraying under fire

BY SHEILA MILLER

HARRISBURG — Pennsylvania Rural Electric Association held its first meeting concerning the use of herbicides by utilities in maintaining rights-of-way on Thursday, with ten of the twelve cooperative managers who use this method of control attending.

What precipitated this meeting? General Manager William Matson summed it up in one word — "concern."

"As you know," said Matson, "considerable public attention has recently been focused on the use of herbicides by utilities to maintain their rights-of-way. This attention has created much fear, misunderstanding, and hysteria among the general public, most of which is unfounded.

"The safe use of herbicides and pesticides has become an important activity in our nation today. . . . American agriculture could not be as productive as it is if chemicals similar to those used by utilities were not available."

In talking about the public concern and what the Rural Electric Cooperative needs to do, Matson said their association decided "we all would be better off knowing what's going on than stonewalling discussion," referring to other electric companies who have refused to comment on the public outcry on herbicide use.

Program participants continually referred to an incident which occurred in Fayette County this year. The utility company involved was West Penn Power.

One representative of DOW Chemical who was participating in Thursday's meeting commented that the utility company didn't cooperate with its customers in its aerial spraying of utility lines. And as a result, a judge banned all spraying until next year.

DOW's Walter Besh stated that late last spring, Evergreen Helicopter was contracted by West Penn to spray its utility rights-of-way with an herbicide, picloram (manufactured by DOW), to control underbrush and trees. Evergreen then contacted every person who would have property along the right-of-way in order to secure their permission.

There was one objector, said Besh, who received a visit from a West Penn Power right-of-way technician who told the landowner the power company "didn't need his permission to spray." What resulted from this "tactful" approach was the objector turning to the media and an ensuing controversy pitted the utility against the public.

Hearings on the judge's earlier decision to ban spraying, with only a two-week lift late in the summer, will continue next month.

The outcome of these hearings will affect utility company policies, said Besh. But some things have already changed, he said, "to give the consumer a chance to avoid involuntary exposure" to herbicide spraying, such as public notification, and allowing a buffer zone when spraying.

Penn State's Herbert Cole, Jr. was in attendance at Thursday's meeting. The professor of plant pathology and chairman of the state's pesticides advisory board cautioned those in the audience that pesticide regulations usually are the outfall of incidents which

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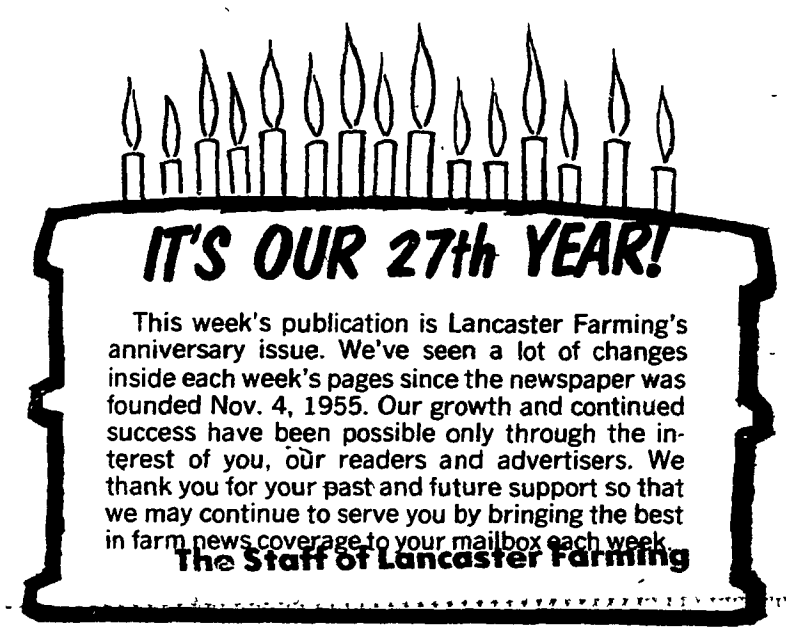
IT'S OUR 27th YEAR!
This week's publication is Lancaster Farming's anniversary issue. We've seen a lot of changes inside each week's pages since the newspaper was founded Nov. 4, 1955. Our growth and continued success have been possible only through the interest of you, our readers and advertisers. We thank you for your past and future support so that we may continue to serve you by bringing the best in farm news coverage to your mailbox each week.
The Staff of Lancaster Farming

Livestock market and auction news

Lancaster Market

Monday, Nov. 1
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1240	135	862	258
Last Monday	999	167	705	174
Last Year	854	115	1189	232
Monday's Auction	864	167	878	258
Last Monday's Auction	749	167	617	182

CATTLE: Compared to last Wednesday slaughter steers 50-1.00 lower; slaughter heifers 1.00 lower; cows 1.00-1.50 lower; bullocks not fully tested; bulls steady, instances 1.00 lower. Supply included 50% slaughter steers, 23% heifers, 13% cows, and 14% bulls.

SLAUGHTER STEERS: Choice 2-4 1050-1350 lb. 59.00-62.00, few head Choice and Prime and Choice 2 62.00-62.75; Choice 2-3 975-1050 lb. 58.50-60.00; high Good and low Choice 2-3 56.50-58.75; Good 2-3 54.00-56.50; Good and Choice 1200-1450 lb. Holsteins 53.00-54.50, couple Choice 55.50-57.85, Good 1050-1350 lb. 50.00-52.50; Standard 1-2 46.75-50.00.

SLAUGHTER HIEFERS: Choice 2-3 850-1100 lb. 54.00-57.10, few yield grade 2 58.00-60.50; Good 2-3 800-1000 lb. 50.50-54.50.

COWS: Utility and Commercial 1-3 38.00-40.25; Commercial 3-4 35.00-38.00; Cutter 1-2 35.50-37.00; Canner and low Cutter 33.00-35.50.

BULLOCKS: Choice 1000-1350 lb. 57.00-59.00, couple 59.00-60.25; Good 1000-1250 lb. 50.00-55.00.

BULLS: Yield grade 1 1200-1850 lb. 50.50-54.00, few 54.00-57.10; yield grade 2 1000-1300 lb. 46.00-51.00.

VEAL CALVES: Vealers 2.00-3.00 higher. Demand fair for Holstein bulls to return to farm.

VEALERS: Primce special fed 270-330 lb. 108.00-118.00; Choice 140-280 lb. 90.00-105.00, few 108.00-113.00; high Good and low Choice 160-280 lb. 75.00-95.00, 120-150 lb. 60.00-75.00, 80-115 lb. 48.00-56.00.

SLAUGHTER CALVES: Good and Choice 180-350 lb. 45.00-60.00, few 60.00-65.00.

RETURNED TO FARM: Few 95-115 lb. Holstein bulls 65.00-70.00.

SHEEP: Wooled lambs uneven, generally steady to 2.00 lower, although around 30 head 50-80 lb. buck lambs 5.00-10.00 higher; slaughter ewes mostly steady.

WOOLED LAMBS: Choice and Prime 85-110 lb. 58.00-63.00; Choice 70-100 lb. 52.00-57.00; Good 50-80 lb. 45.00-52.00; around 30 head Good and Choice 50-80 lb. buck lambs 60.00-85.00.

SLAUGHTER EWES: Utility and Good 15.00-20.00.

GOATS: All goats sold by the head, mainly 25.00-45.00, few 45.00-50.00.

Vintage Auction

Tuesday, Nov. 2
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	958	886	17	10
Last Tuesday	1038	906	32	11
Last Year	822	848	34	

CATTLE: Compared to last Tuesday slaughter steers steady to 50 lower, although few high Choice and Prime steady to firm; slaughter heifers steady to 1.00 lower; cows 1.00 to mostly 2.00 lwoer; bulls weak to 1.00 lower. Supply included 61 percent slaughter steers, 31 percent cows, 4 percent slaughter heifers, and 4 percent bulls.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1150-1425 lb. 61.35-63.25, couple individuals 64.60-64.75; Good and Choice 1-2 1100-1350 lb. 62.00-63.75, about a dozen head 63.75-64.50; Choice 2-4 1025-1425 lb. 58.75-61.50, few lots Choice 2-3 61.75-62.75; high Good and low Choice 2-3 56.00-59.00; Good 2-3 54.00-57.25; Good and Choice 1150-1450 lb. Holsteins 50.75-54.25, few head Choice 55.60-57.35; Standard 1-2 48.50-52.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1000 lb. 54.00-56.75; few Good 2-3 800-950 lb. 50.00-53.00.

COWS: Utility and Commercial 1-2 38.00-39.75, few 40.50-42.75; Cutter 1-2 36.00-39.00; Canner and low Cutter 32.50-36.50.

BULLS: Yield grade 1 1400-1900 lb. 48.75-52.00, individual 55.25; yield grade 2 900-1300 lb. 44.25-49.50.

VEAL CALVES: Vealers firm to 5.00 higher, although Choice not fully tested. Supply included 571 in graded sale of which 74 percent sold to return to farm.

VEALERS: Couple Choice 150-220 lb. 90.00-102.00; high Good and low Choice 140-250 lb. 60.00-80.00, 115-140 lb. 56.00-70.00, 80-110 lb. 51.00-56.00, 60-75 lb. 44.00-50.00, few 55-60 lb. 38.50.

RETURNED TO FARM: 14 head 110-120 lb. Holstein heifers 84.00; 55 head 90-105 lb. 106.00-108.00; 19 head 75-85 lb. 58.00-65.00; 28 head small frame 90-115 lb. 57.00. 185 head 100-125 lb. Holstein bulls 75.50-82.00; 56 head 90-95 lb. 61.50-63.50; 21 head small frame 110-125 lb. 64.50-66.50 and 43 head 100-110 lb. 58.00-61.00.

SHEEP: Insufficient volume for a market test.

GOATS: All goats sold by the head, mainly 26.00-35.00.

Lancaster Auction

Wednesday, Nov. 3
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	761	45	577	0
Last Wednesday	594	37	882	5
Last Year	599	40	1217	5
Wednesday's Auction	218	36	615	0
Last Wednesday's Auction	275	37	894	0

CATTLE: Compared to Monday small supply slaughter steers steady to week; slaughter heifers mostly steady; cows steady to weak; bulls 1.00-2.00 lower. Supply included 51 percent slaughter steers.

SLAUGHTER STEERS: Choice 2-4 1040-1350 lb. 58.75-61.00; high Good and low Choice 2-3 1000-1275 lb. 54.75-58.50; Good 2-3 51.00-54.50; few Good and Choice 1150-1500 lb. Holsteins 50.00-52.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1100 lb. 54.00-57.25, couple yield grade 2 58.00-58.75; Good 2-3 850-1000 lb. 51.00-54.00.

COWS: Utility and Commercial 1-3 36.00-38.75; Commercial 3-4 35.00-37.50; Cutter 1-2 36.00-38.00; Canner and low Cutter 33.00-35.50.

BULLOCKS: Couple Choice 1090-1485 lb. 54.00-57.75, couple Good 53.10-53.50.

BULLS: Yield grade 1 1250-1800 lb. 48.85-51.00, individual 1505 lb. 54.35; yield grade 2 1100-1450 lb. 44.00-49.00.

VEAL CALVES: Supply mainly high Good and low Choice 80-115 lb. selling steady.

VEALERS: High Good and low Choice 80-115 lb. 45.00-55.00, few 55.00-60.00.

SHEEP: None.

New Holland Livestock

Thursday, Nov. 4
Report supplied by USDA

CATTLE: 1071. Compared to last Thursday slaughter steers .50-1.00 lower, instances 1.50 lower; slaughter heifers not fully tested; cows fully steady, instances 1.00 higher on Utility and Commercial; bullocks 1.00-2.00 higher; bulls firm to 1.00 higher. Supply included 54 percent slaughter steers, 3 percent slaughter heifers, 33 percent cows, 5 percent bulls with the balances feeders.

SLAUGHTER STEERS: High Choice and Prime in short supply, few 1170-1350 lb. 60.35-62.00, couple head 62.00-63.25; Choice 2-4 1000-1400 lb. 58.75-60.57; high Good and low Choice 2-3 1000-1356 lbs. 56.00-59.00; Good 2-3 53.00-56.50; Good and Choice 1200-1600 lb. Holsteins 51.50-54.10; Standard 1-2 47.00-52.00.

SLAUGHTER HEIFERS: Good 800-1025 lb. 49.50-52.50, few Choice 52.25-54.50.

COWS: Utility and Commercial 1-3 39.00-41.50, few 41.50-42.75; Commercial 3-4 37.00-41.00; Cutter 1-2 36.50-39.75, few 40.00-41.00; Canner and low Cutter 34.00-36.75.

BULLOCKS: Choice 1050-1300 lb. 58.00-61.00, couple 61.00-62.00; Good 1000-1250 lb. 55.00-59.00.

BULLS: Yield grade 1 1300-2000 lb. 50.50-52.75, couple 53.00-54.75, individual 2335 lb. 50.00; yield grade 2 1000-1350 lb. 46.00-51.00.

VEAL CALVES: 527. Vealers firm to 3.00 higher. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 150-230 lb. 98.00-113.00, few Choice and Prime 170-250 lb. 115.00-120.00; Choice 240-300 lb. 85.00-100.00; high Good and low Choice 160-250 lb. 70.00-90.00, 120-160 lb. 58.00-70.00, 80-120 lb. 49.00-56.00, few 56.00-60.00, several 65-80 lb. 46.00-52.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 75.00-88.00, few 89.00-94.00, several 80-90 lb. 56.00-75.00.

SHEEP: 33. Few slaughter lambs mostly steady; slaughter ewes 3.00-5.00 lower.

WOOLED LAMBS: Few Choice 65-100 lb. 56.00-58.00; Good 55-80 lb. 47.00-54.00.

SLAUGHTER EWES: Utility and Good 10.00-18.00.

GOATS: All goats sold by the head, mainly 24.00-39.00, few 45.00-56.00.

Lancaster Weekly

Friday, Nov. 5

	Cattle	Calves
This Week	4900	1600
Last Week	5405	1692
Last Year	4128	1609

CATTLE: Slaughter steers .50-1.00 lower, instances 1.50 lower late; slaughter heifers .50-1.00 lower; cows generally 1.00-2.00 lower during week, although late sales steady, instances 1.00 higher on Utility and Commercial; bullocks closed 1.00-2.00 high; bulls uneven, generally 1.00-2.00

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10:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
9:30 A.M. - Slaughter Hogs
GRADED FEEDER CATTLE SALE
FRIDAY, NOVEMBER 12
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1147 Lititz Pike
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Sale Every Tuesday
11 A.M.
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10:00 A.M. - Horse Sale
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1:30 P.M. - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S AUCTION
12:00 Noon - Dairy sale
1:30 P.M. - Feeder Pig Sale
THURSDAY'S AUCTION
11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale
NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager
Phone 717-354-4341

Hog Markets

Lancaster Hogs
Monday, Nov. 1
Repcrt supplied by USDA

HOGS: Barrows and gilts 1.00-1.50 lower; sows steady to 50 lower.

BARROWS AND GILTS: US 1-2 205-245 lb. 55.60-56.60. US 1 210-245 lb. 57.00-59.50. US 1-3 200-255 lb. 55.25-55.60, 255-270 lb. 53.50-55.00.

SOWS: US 1-3 350-650 lb. 51.50-53.00, few 53.00-53.50.

Tuesday, Nov. 2

Today	443
Last Tuesday	389
Last Year	424

TREND: Compared to Monday barrows and gilts mostly 2.00 lower, few 270-285 lb. 4.00-6.00 lower, sows 2.00-3.00 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 53.75-54.50. US 1 205-240 lb. 54.50-55.25. US 1-3 200-255 lb. 53.25-53.75. US 2-3 270-285 lb. 43.00-44.75.

SOWS: US 1-3 350-600 lb. 47.00-51.00, Few 350-450 lb. 51.00-51.75.

Wednesday, Nov. 3

HOGS: Compared to Tuesday barrows and gilts unevenly steady to 75 higher.

BARROWS AND GILTS: US 1-2 200-240 lb. 53.75-55.00, few 55.00-55.35. US 1 205-240 lb. 55.75-57.00, few 57.00-57.50. US 1-3 200-265 lb. 52.00-53.75.

New Holland Hogs
Monday, Nov. 1
Report supplied by USDA

Today	1406
Last Monday	1588
Last Year	1491

TREND: Compared to last Monday barrows and gilts steady, instances 25 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 56.50-57.00, few early 57.25. US 1 205-245 lb. 58.00-59.00. US 1-3 200-250 lb. 56.25-56.50, 250-270 lb. 55.75-56.00.

Lancaster Feeder Pigs
Tuesday, Nov. 2
Report supplied by USDA

Today	1173
Last Tuesday	1091
Last Year	1094

TRENDS: Feeder pigs uneven, bulk 40-65 lb. steady to 5.00 lower, 25-40 lb. steady to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 172 head 25-29 lbs. 124.00-136.00; 175 head 40-49 lbs. 115.00-132.00; 25 head 43 lbs. 136.50; 239 head 50-59 lbs. 119.00-126.00; 40 head 60-65 lbs. 80.00-97.00.

US 2: 20 head 35 lbs. 118.00; 48 head 40-49 lbs. 107.50-112.00; 26 head 59 lbs. 108.00.

US 2-3: 74 head 19-29 lbs. 138.00-144.00; 9 head 36-37 lbs. 124.00; 29 head 50-55 lbs. 98.00-111.00.

New Holland Feeder Pigs
Wednesday, Nov. 3
Report supplied by USDA

Today	933
Last Wednesday	884
Last Year	900

TREND: Compared to last Wednesday feeder pigs 5.00-10.00 lower, instances 20.00 lower. All pigs weighed on arrival and sold by the hundredweight.

US 1-2: 25 head 25-26 lb. 128.00-129.00; 131 head 30-39 lb. 105.00-116.00; 190 head 40-49 lb. 102.00-111.00; 170 head 50-59 lb. 87.00-96.00; 26 head 63-69 lb. 71.00-75.00; 13 head 75-98 lb. 64.00-69.00.

US 2-3: 14 head 19-23 lb. 114.00-123.00; 47 head 30-39 lb. 102.00-110.00; 151 head 40-49 lb. 91.00-105.00; 5 head 58 lb. 87.00; 24 head 61-81 lb. 62.00-66.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, Oct. 30
Report supplied by auction

870 head.

US 1 215-240 lbs. 57.75-59.50, few 60.25-61.25; U.S. 1 & 2 210-245 lbs. 56.75-57.50; U.S. 2 & 3 210-255 lbs. 56.35-56.60; Lightweights 186-205 lbs. 54.25-56.25; Heavyweights 258-285 lbs. 54.00-56.50; Sows 350 lbs. and up 50.00-53.50; Boars 200-300 lbs. 50.00-52.50; 300 lbs. and up 45.00-46.00.

Indianapolis Hogs
Thursday, Nov. 4
Report supplied by USDA

1100 - Barrows & gilts active, 1.00-1.50 higher, most advance under 250 lb. US 1-2 210-250 lb. 54.50-54.75, 74 head 54.90, few 54.00-54.50. 250-260 lb. 53.00-54.00.

SOWS: Active, steady-1.00 lower. (11%) US 1-3 330-440 lb. 45.00-47.00; 490-550 lb. 50.00-51.50; Lot 610 lb. 53.00.

BOARS: Over 350 lb. 44.00; others not well tested.

St. Louis Hogs
Thursday, Nov. 1
Report supplied by USDA

5500 - Barrows & gilts fairly active, .50-1.00 higher. US 1-2 200-230 lb. 53.75-54.00, 230-350 lb. 53.00-53.75. US 1-3 220-250 lb. 52.50-53.50, 250-270 lb. 51.00-52.50.

SOWS: Uneven, weights under 500 lb. 50-75 higher, over 500 lb. 1.00-1.50 lower (about 10%) US 1-3 300-500 lbs. 47.25-48.00, 500-650 lb. 49.00-51.00.

BOARS: Over 260 lb. 46.00; 200-260 lb. 47.00-47.50.

Peoria Hogs
Thursday, Nov. 1
Report supplied by USDA

3000 - Barrows & gilts moderately active, 1.00 higher. US 1-2 200-240 lb. 53.00-53.50, 225 head 53.75-54.00. US 1-3 200-240 lb. 52.50-53.00.

SOWS: Under 450 lb. fully 1.00 higher, over 450 lb. 50-1.25 lower. (14%) US 1-3 350-450 lb. 47.50, 450-500 lbs. 47.50-49.50, 500-650 lb. 50.00-51.00.

BOARS: Over 350 lb. 46.00; under 350 lb. 45.00-48.50.

U.S. Inspected Livestock Slaughter

Thursday, Nov. 4
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	515,000	44,000	1,244,000	96,000
Last Week	524,000	44,000	1,223,000	102,000
Last Year	504,000	43,000	1,381,000	97,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday, Nov. 4)

	Corn	Wheat	Soybeans	Soybean Meal
Nov.			5.57¼	
Dec.	2.22	3.30½		168.70
Jan.			5.67¾	
Mar.	2.33	3.43¾	5.79½	170.80
May	2.40¼	3.47¼		171.70

Trend - Corn is higher, Wheat is higher, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

North Jersey Livestock
Hackettstown, N.J.
Tuesday, Nov. 2
Report supplied by auction

1190 head.

Calves 22.50-86.00; Cows 31.50-45.75; Easy Cows 12.00-38.00; Heifers 40.00-55.00; Bulls 41.00-53.75; Steers 40.00-54.25; Hogs 40.00-58.00; Roasting Pigs, each 25.00-39.00; Kids 13.00-44.00; Boars 44.00; Sows 43.00-50.25; Sheep 5.00-39.00; Lambs, each 24.00-49.00; Lambs, per lb. 25.00-61.00; Goats, each 16.00-60.00; Hides 5.00-10.00.

Futures Trading

(Closing Bids as of Thursday, Nov. 4)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Nov.			5.43
Dec.	60.10	54.15	
Feb.	58.97	54.57	
Apr.	59.17	52.12	

Trend - Cattle are lower, Hogs are lower. Potatoes are higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

J.M. HOOBER Inc.
LANCASTER STOCKYARDS
Your Livestock Broker Since 1895
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Hog Dept. 626-8653

You Have A Choice

If you miss Monday, there is always Wednesday

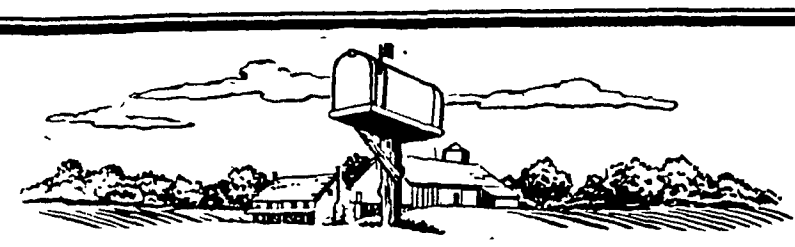
Today, as in the past, Walter M. Dunlap and Sons offers all cattle feeders the choice of what day to market their fat cattle.

Either Monday or Wednesday, we will advise you to the best of our ability what day that week we think is most advantageous to you.

So, Monday or Wednesday, you have a choice. Give us a call for market conditions and honest advice.

NEXT FEEDER PIG SALE
Tuesday, November 9 at 1 P.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
Tel. (717) 397-5136
An Old Line Commission Firm
Keeping Abreast With The Times



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Poultry Markets

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Nov. 2 Tuesday	Nov. 4 Thursday
Class 1 - Large	48 lbs.	54	54
Class 2 - Large	45 lbs.	49	49
Class 3 - Medium	42 lbs.	47	44½
Class 4 - Small	39 lbs.	37	38
Breaking Stock	48 lbs.	43	42
Checks	48 lbs.	38½	37½

N. E. Weekly Shell Egg Report

Tuesday, Nov. 2
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	93-1.00	89-96	76-79	50-56
Mostly	95-98	91-94	77-78	52-54
N. HAMP.	88-94	84-90	72-78	45-51
Mostly	90-93	86-89	74-77	47-50
R.I.	96-97	92-93	80-81	53-54
VERMONT	95-1.02	91-99	79-88	–
Mostly	97-98	93-94	80-82	–
MAINE	95-96	91-92	79-80	51-53

X Includes Central and Western Sections only.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Nov. 2
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .82-.98 per lb.

MUSCOVY DUCKS, HENS: range .65-.82 per lb.

PEKIN DUCKS: range .40-.52 per lb.

PULLETS: 6-9 lbs. range .44-.52 per lb.

RED FOWL: 4-5 lbs. range .22-.32 per lb.

RED FOWL: 5-6 lbs. range .30-.38 per lb.

CROSSBRED FOWL: 5-9 lbs. range .30-.38 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.72 per lb.

CROSSBRED ROOSTERS: 7-12 lbs. range .32-.56 per lb.

GUINEA FOWL: range 1.20-1.50 per lb.

BANTY ROOSTERS: range 1.00-2.50 ea.

BANTY HENS: range .25-1.00 ea.

LEGHORN ROOSTERS: range .26-.38 per lb.

LEGHORN HENS: range .06-.11 lb.

GEESE: 7-12 lbs. range .22-.66 per lb.

PIGEONS: range .65-.90 ea.

WHITE PIGEONS: range 1.25-2.30 ea.

RABBITS: 4-6 lbs. range .40-.82 per lb.

RABBITS: 7-11 lbs. range .30-.52 per lb.

GUINEA PIGS: range .25-.75 ea.

GOATS: range 21.00-49.00 ea.

KID GOATS: range 23.00-31.00 ea.

TOTAL AMOUNT COOPS: 828.

Weekly New York Egg Market

From Friday, Oct. 29 to Nov. 4

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	83	83	83	83	83
Ex Large	75	75	75	75	75
Large	71	71	71	71	71
Mediums	63	69	63	63	63
Pullets	48	48	48	48	48
BROWN					
Jumbo	–	–	–	–	–
Ex Large	94	94	94	94	94
Large	89	89	89	89	89
Mediums	69	69	69	69	69
Pullets					
Peewees	Unquoted				
Off Grade					
Large	63	63	63	63	63
Checks	36	36	36	35	35

Breaking Stock: Friday - Tuesday 12.60 - 13.20; Wednesday - Thursday - 12.30 - 12.90.

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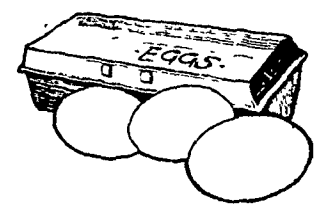
Delmarva Poultry

Thursday, Nov. 4
Report supplied by USDA

Today's LT.L. asking prices are lower on U.S. Grade A at 42-46 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 11/4 1,942; Actual 10/28 1,870; Actual 11/2 1,723; Average Weights 11/2 4.33; 10/26 4.31.



New York Multiple Drop Broiler Report

Thursday, Nov. 4
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A 41-44; 850 boxes; Branded U.S. Grade A 44½-46; 9,740 boxes.

WTD. AVG.: U.S. Grade A 42.65; Brafided U.S. Grade A 45.73.

Philadelphia Eggs

Thursday, Nov. 4
Report supplied by USDA

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 69-75; A Large 68-70; A Medium 59-61.

Eastern Pa. & N.J. Poultry

Wednesday, Nov. 3
Report supplied by USDA

Light Type Hens: 10-11, prices paid at farm.

F.O.B. plant: 13-14½, mostly 13½.

Heavy Type Hens: TFTR.

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Subscription Price.
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$14 00 per year outside of
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Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at
Lititz, PA 17543 USPS 304-040

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- There will not be a commission or yardage fee deducted from your check.
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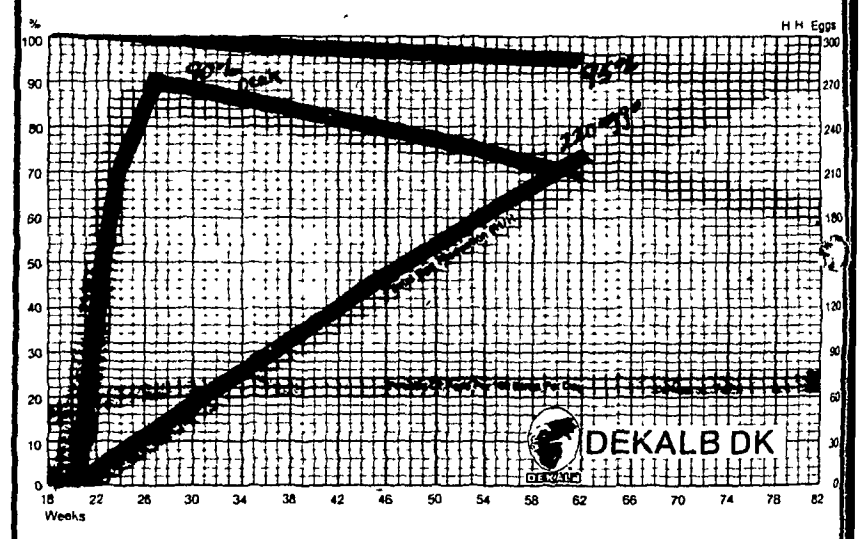

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Quality - Performance - Service

Livestock market and auction news

Hay Markets

New Holland Hay
New Holland Sales Stables
Monday, Nov. 1
Report supplied by auction

72 loads.

Alfalfa few choice 134.00-150.00, medium quality 100.00-130.00; few off-color 90.00-100.00; Mixed few Choice Alfalfa & Timothy 120.00-145.00, choice Clover & Timothy 110.00-130.00; grass and Timothy 90.00-110.00; Timothy few choice 112.00-134.00, mostly 95.00-110.00; Stubble 64.00-86.00; Straw 90.00-100.00, few to 110.00, Soybean Stalks 40.00 & 63.00; Corn Fodder 52.00-69.00.

Good's Hay
Leola, Pa.
Wednesday, Nov. 3
Report supplied by auction

61 loads.

Mixed 66.00-103.00; Old Corn 84.00-96.00; one New Corn 66.00; Straw 72.00-95.00; Corn Fodder 46.00-57.00; Timothy 73.00-116.00; Alfalfa 117.50-135.00.

Frederick Co. Hay
Buckeystown, Md.
Thursday, Nov. 4
Report supplied by auction

9 loads.

Two Alfalfa 136.00-140.00; two Straw 60.00-74.00; two Timothy 125.00-130.00; One Ear Corn 70.00; two Firewood 51.00-61.00 cord.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, Nov. 2
Report supplied by auction

7 loads.

Mixed 85.00-112.00; Timothy 91.00; Fodder 59.00; Ear Corn 74.00-77.00.

Kiester's Hay
Middleburg, Pa.
Tuesday, Nov. 2
Report supplied by auction

13 loads.

Timothy 71.00-86.00; Mixed 82.50-94.00; Alfalfa 133.00-134.00; Corn 56.00-63.00.

Vintage Hogs
Vintage Sales Stables
Saturday, Oct. 30
Report supplied by auction

U.S. 1 & 2 205-235 lbs. 57.00-58.50; U.S. 2 & 3 200-245 lbs. 55.50-57.00; Sows 300-500 lbs. 47.00-52.00; Boars 300-600 lbs. 47.00-49.00.

Wednesday, Nov. 3

U.S. 1 & 2 205-235 lbs. 55.00-56.00; U.S. 2 & 3 200-245 lbs. 53.00-55.00; Sows 300-500 lbs. 45.00-51.00.

Regional Hay
Friday, Oct. 29
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw - Steady.

Alfalfa 95.00-125.00; Mixed hay 80.00-90.00; Timothy hay 70.00-90.00; Straw 45.00-50.00, few 60.00; Mulch 25.00-40.00.

Green Dragon Hay
Ephrata, Pa.
Friday, Oct. 29
Report supplied by PDA

32 loads hay and 9 loads straw.

Alfalfa 100.00-126.00, one load 92.00; Mixed hay 78.00-149.00, mostly 98.00-134.00; Timothy hay 92.00-126.00; Stubble hay (2) loads 58.00 & 76.00; Straw 90.00-114.00, (1) load 125.00; Ear Corn (15) loads 53.00-89.00, Few to 107.00; Corn Fodder (3) Loads 41.00-52.00.

Belleville Hay
Belleville, Pa.
Wednesday, Oct. 27
Report supplied by PDA

8 loads hay and 1 load straw.

Alfalfa Few 90.00-106.00; Mixed hay Few 60.00-74.00; Grass hay Few 61.00-100.00; Straw 48.00.

Pa. Grain
Monday, Nov. 1
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn uneven 5 cents higher to 10 cents lower. Wheat uneven steady to strong, instances 15 cents higher. Barley & Oats unevenly steady to weak. Old Ear Corn unevenly steady. New Ear Corn uneven, mostly steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.10-2.35, average 2.23; Wheat No. 2 range 2.90-3.20, average 3.06, New Crop 3.10-3.26; Barley No. 3 range 1.70-1.95, average 1.82; Oats No. 2 range 1.50-1.80, average 1.64; Soybeans No. 1 4.70-5.05, average 4.94; Grain Sorghum No. 2 range 1.70, average 1.70; Buckwheat range 9.80, average 9.80; Old Ear Corn range 59.00-68.00, average 62.97; New Ear Corn range 41.00-51.00, few reported 60.00, average 48.02.

Central Pa.

Corn No. 2-y range 2.00-2.30, average 2.18; Wheat No. 2 range 2.80-3.10, average 2.95; Barley No. 3 range 1.60-1.80, average 1.70; Oats No. 2 range 1.40-1.50, average 1.44; Soybeans No. 1 range 4.50-4.75, average 4.63; Grain Sorghum No. 2 range 2.30, average 2.30; Buckwheat range 10.00, average 10.00; Old Ear Corn range 58.00-64.00, average 60.80; New Ear Corn range 42.00-45.00, average 43.71.

South Central Pa.

Corn No. 2-y range 2.10-2.20, average 2.17; Wheat No. 2 range 2.85-3.10, average 2.94; Barley No. 3 range 1.70-1.80, average 1.76; Oats No. 2 range 1.50-1.65, few reported 1.80, average 1.61; Old Ear Corn range 55.00-70.00, average 60.36· New Ear Corn range 39.00-47.00, few reported 60.00, average 47.38.

Southeastern Central & South Central Summary

Corn No. 2-y range 2.05-2.30, average 2.20; Wheat No. 2 range 2.85-3.17, average 3.00; Barley No. 3 range 1.60-1.95, average 1.76; Oats No. 2 range 1.40-1.80, average 1.54; Old Ear Corn range 58.00-68.00, average 61.49; New Ear Corn range 40.00-51.00; average 46.66.

Western Pa.

Corn No. 2-y range 2.08-2.40, average 2.27; Wheat No. 2 range 2.80-2.90, average 2.84; Barley No. 3 range 1.85, average 1.85; Oats No. 2 range 1.50-1.70, few reported 1.30, average 1.54; Buckwheat range 9.00, average 9.00; Old Ear Corn range 65.00-66.00, average 65.50.

Eighty-four Livestock
Eighty-four, Pa.
Monday, Nov. 1
Report supplied by PDA

CATTLE 525. Compared with last Monday's market, slaughter steers 50 cents to $1 lower. Slaughter cows 50 cents to mostly $1 lower. Few Choice slaughter steers 58.00-61.00, Good 51.00-56.00, Standard 44.00-51.50, Utility 39.00-44.50. Few Good slaughter heifers 49.00-52.00, Standard 43.00-47.00, Utility 40.00-50.00. Utility & Commercial slaughter cows 36.00-42.00, few 42.00-44.00, Commercial No. 4-5 34.00-39.00, Cutters 34.00-37.00, Canner & Low Cutter 27.00-34.50, Shells down to 17.00. Yield Grade #1 950-1800 lbs. slaughter bulls 46.00-51.00; yield grade #2 1000-1400 lbs. 40.25-46.50. Medium Frame #1 350-600 lbs. feeder steers 52.00-56.00, few Large frame #1 600-700 lbs. 58.00-60.00; Medium Frame #1 375-500 lbs. feeder heifers 44.00-50.00, Medium Frame #2 300-400 lbs. 39.00-41.00; Medium Frame #1 400-600 lbs. feeder bulls 48.00-55.00.

CALVES 333. Vealers grading Good & Choice steady to strong, Standard & Good $2 to $3 lower. Choice vealers 75.00-85.00, Good 65.00-77.00, Standard & Good 90-120 lbs. 44.00-55.00, 60-85 lbs. 38.00-45.00, Utility 80-120 lbs. 18.00-34.00. Farm calves, holstein bulls 90-120 lbs. 50.00-68.00; holstein heifers 80-110 lbs. 45.00-70.00.

HOGS 45. Barrows & gilts unevenly steady. US No. 1-2 200-230 lbs. barrows & gilts 54.50-55.50, US No. 1-3 210-230 lbs. 53.70-54.60. US No. 1-3 450-600 lbs. sows 49.00-51.75, one at 55.25. Boars 42.50-45.00.

FEEDER PIGS 2. Two US No. 1-3 55 lbs. feeder pigs at 37.50 per head.

SHEEP 250. Wooled slaughter lambs fully steady. Choice 75-95 lbs. wooled slaughter lambs 47.00-50.00, Good 75-100 lbs. 44.25-48.00, Utility 55-70 lbs. 43.00-49.25. Slaughter sheep 15.00-20.00.

GOATS 8. 8.00-32.00 per head.

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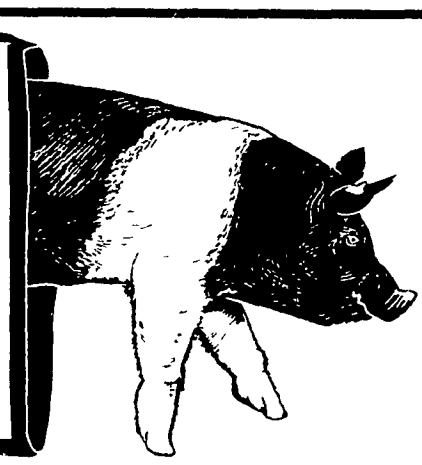

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ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

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Local Trucker Available.
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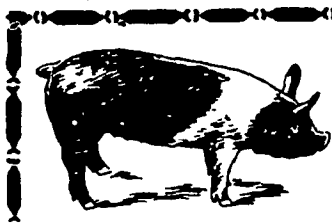
CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer
NEXT SALE DATE DECEMBER 24



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YOU ARE PAID FOR YOUR HOGS IMMEDIATELY
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Livestock market and auction news

Central U.S. Carlot

Wednesday, Nov. 3
Report supplied by USDA

Compared to Tuesday's 4:00 p.m. report: Steer and Heifer carcasses steady to mostly $1.00 higher, instances $2.00 higher on Good. Late demand and trading light on moderate supplies. The boxed beef carcass cutout value declined $.43 to an estimated $95.22 per cwt.

Sales reported on 43 loads of steer and heifer carcasses.

STEER BEEF
14 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 92.00-93.00, steady-1.00 higher.

Good 2-3 600-900 lbs. 87.00-88.00, 1.00-2.00 higher.

FOB Amarillo Basis

Choice 4 600-900 lbs. 83.00 (West)

Good 2-3 600-900 lbs. 88.00.

HEIFER BEEF
29 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 90.00-91.00, mostly 91.00, 1.00 higher.

Choice 3 500-550 lbs. 90.00.

Choice 3 400-500 lbs. 89.00.

Choice 4 500-700 lbs. 81.00.

Good 2-3 550-700 lbs. 86.00-87.00, 1.00-2.00 higher.

FOB Amarillo Basis

Choice 4 500-700 lbs. 83.00 (West)

Good 2-3 550-700 lbs. 87.00.

COW BEEF
6 Loads
FOB Omaha Basis

Market steady, demand light.

Bng Utility 2-3 400 & up 70.00-71.00 Midwest.

Cmr & Ctr 1-2 350 & up 75.00 Midwest.

FOB Amarillo Basis

Bkrg Utility 3-4 450/up lbs. 62.50 (West)

PRIMAL BEEF CUTS
9 Loads
FOB Omaha Basis
Choice 3

Fores 130-210 lbs. 83.00.

Good and Choice 2-3

Short Plates 46.00-49.00.

BONELESS PROCESSING/ BEEF TRIMMINGS
120 Loads
FOB Omaha Basis

90% Chem Lean Fresh 108.00-109.00, mostly 108.00.

75% Chem Lean Fresh 86.50.

50% Chem Lean Fresh 48.00-49.00, Bulk 48.00.

FOB Amarillo Basis

90% Chem Lean Fresh 109.00.

90% Chem Lean Frozen 110.00-111.00.

50% Chem Lean Fresh 49.00.

Compared to Tuesday's 4:00 report: Fresh loins (regular) 14-17 lbs. steady to $2.00 lower, 17-22 lbs. steady to $2.50 higher. Picnics $2.00 higher. Fresh hams (skinned) $2.00-$4.50 higher. Fresh bellies (Sdls, skin on) 12-16 lbs. $5.00-6.00 lower than last reported sales. 16-18 lbs. $1.00 higher. Trading moderate to active. Demand good for hams, light tor other items. Offerings moderate to heavy.

Sales reported on 79 loads and 15 loads of trimmings.

FRESH PORK CUTS

LOINS: Regular - 14/dn lbs. 104.00; 14-17 lbs. 101.00-103.50, mostly 101.00-103.00, steady-2.00 lower; 17-22 lbs. 97.50 frozen; 17-22 lbs. 97.00-98.50, steady-2.50 higher; 22/up lbs. 94.50-103.50, mostly 96.50-103.50.

PICNICS: 4-8 lbs. 57.00, 2.00 higher.

BOSTON BUTTS: 4-8 lbs. 84.50; 4-8 lbs. 85.50 frozen.

SPARERIBS: 3.5-5.5 lbs. 94.50 fresh.

HAMS, SKINNED: 14-17 lbs. 104.00-104.50, 3.50-4.00 higher; 17-20 lbs. 96.00-97.50, mostly 97.00, 2.00 higher; 20-26 lbs. 87.50-89.50, late 89.50, 2.50-4.50 higher.

BELLIES: Sdls, Skin on: 12-14 lbs. 69.00, 5.00 lower than last reported sales; 14-16 lbs. 69.00, 6.00 lower than last reported sales; 16-18 lbs. 66.00, 1.00 higher.

BNLS CT BUTTS: 1.4-4.5 lbs. 125.00.

BONELESS PROCESSING/ PORK TRIMMINGS
(Chemical Lean)

42% trimmings fresh 40.75-41.50.

72% trimmings fresh 84.00.

72% bnls pic fresh 86.00.

72% bnls pics frozen 86.00-88.00, late 88.00.

88% blade meat frozen 122.00.

Skinned Jowls Frozen 35.00.

Omaha Cattle

Thursday, Nov. 4
Report supplied by USDA

Compared to previous week's close, slaughter steers and heifers finished the week 50 cents lower. Slaughter cows 1.00-1.50 higher. Bulls 1.00-2.00 lower.

Lower dressed beef prices the first two days this week were generally not reflected in live cattle prices. Good packer demand noted as most were trying to fill their immediate slaughter requirements as not much trading was noted from feedlot sources late last week, over the weekend and early this week. The percentage of yield grade 4 continues relatively high and is a major concern in the trade.

Steers comprised 36 pct. of week's receipts: Heifers 31 pct., cows 5 pct., feeders 27 pct. Four day receipts 10,678, last week 12,533, year ago 11,149.

STEERS: At the close Choice 2-4 1050-1300 lbs. 58.75-59.50. Choice 3-4 1200-1325 lbs. 57.00-58.25. Mixed Good and Choice 2-3 1050-1200 lbs. 57.00-58.50. Mixed Good and Choice 2-3 1250-1500 lb. Holsteins 52.00-53.50.

HEIFERS: Choice 2-4 900-1100 lbs. 57.00-58.00, couple loads 58.25-58.50. Several lots Choice 3-4 1000-1100 lbs. 56.50-57.25. Mixed Good and Choice 2-3 900-1050 lbs. 56.00-57.00. Good 53.50-55.50.

Average of LS 214, detailed quotations for Choice 900-1100 lb. steers 58.75, 1100-1300 lbs. 59.18. Average cost steers 58.54, average weight 1152 lbs., as compared 58.89 and 1147 lbs. a week ago. Average cost heifers 57.06, average weight 1010 lbs., as compared 57.09 and 1008 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 36.00-38.50. Cutter 35.00-37.00. Canner and Low Cutter 32.50-35.00.

BULLS: 1-2 1100-1800 lbs. 44.00-48.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, Nov. 2
Report supplied by auction

CATTLE: Steers were steady; Heifers were steady; Cows were steady to 1.00 lower. Steers: Choice to 62.25, Good 56.00-58.00, Standard 55.00 down. Heifers: Choice to 58.25, Good 52.75-53.75, Standard 46.25-49.00, Utility to 43.75. Cows: Utility & Commercial 39.10-41.60, Cutter 36.00-39.00, Canner & Low Cutter 31.85-35.75, Shells 31.25 down. Bulls: Too few to test market.

FEEDER CATTLE: Good Run! Market weaker than last week. Steers: Good to 59.00, Medium to 56.00. Heifers: Good to 46.00, Medium to 43.00, Bulls: Good to 56.00, Medium to 53.00.

CALVES: Large Run; Vealers were 12.00 lower back to farm calves were 10.00 lower for Hol. Bulls and 9.00 lower for Hol. Heifers. Vealers: Choice 91.00-96.00, Good 75.00-95.00, Standard 55.00-75.00, Light and Weak 54.00 down. Farm Calves: Hol. Bulls to 84.00, Hol. Heifers to 71.00.

HOGS: 3.00 lower. US No. 1-3 54.00-55.10; US No. 1-3 51.25-53.50. Sows: 1.50 lower US No. 1-3, 48.50-51.50, US No. 1-3 47.00 Dow. Boars: 2.50 higher, average 43.00-47.00.

FEEDER PIGS: US No. 1-3 43.00-48.00 Hd. US No. 1-3 40.25-43.50.

SHEEP: Lambs: 2.00 lower No Choice offered; Good 40.00-45.00. Utility to 40.00. Goats: to 37.00 head.

GOATS: to 37.00 head.

Morrison Cove Auction

Martinsburg, Pa.
Monday, Nov. 1
Report supplied by auction

CATTLE 188. High Choice & Prime slaughter steers 60.00-60.35, Choice 57.50-59.35, Good 52.50-56.75, Standard 48.00-50.25, Utility 43.00-48.00. Choice slaughter heifers 58.50-64.75, Good 53.50-54.75, Standard 48.50-51.25, Utility 42.50-46.50. Utility & Commercial slaughter cows 42.50-46.25, Commercial 40.50-42.25, Cutters 36.50-40.25, Canner & Low Cutter 32.50-36.75, Shells down to 25.50. Good slaughter bullocks 52.50-54.25, Standard 45.50-48.75, Utility 42.50-45.50. Yield Grade #1 slaughter bulls 47.25-49.75; yield grade #2 42.75-45.10. Choice feeder steers 48.50-50.25, Good 54.50-57.50, Medium 42.50-51.50; Good feeder heifers 48.50-51.50, Medium 42.50-46.25; Good feeder bulls 45.50-50.25, Medium 42.50-46.50.

CALVES 289. Prime vealers 92.50-100.00, Choice 84.50-94.50, Good 78.50-81.50, Standard & Good 110-130 lbs. 60.50-72.50, 90-110 lbs. 55.50-60.50, 70-90 lbs. 45.50-51.50, Utility at 40.00. Farm calves, holstein bulls 90-130 lbs. 60.50-78.50; holstein heifer 90-130 lbs. 72.50-102.50.

HOGS 211. US No. 1-2 200-240 lbs. barrows & gilts 55.75-56.10, No. 1-3 200-270 lbs. 54.60-55.75, No. 2-3 200-260 lbs. 54.00-55.10, 200-270 lbs. 54.00-54.50. US No. 1-3 350-450 lbs. sows 52.25-54.25, No. 2-3 400-600 lbs. 51.25-51.75. Boars 41.50-42.75, Light weights 42.75-44.25.

FEEDER PIGS 76. US No. 1-3 20-40 lbs. feeder pigs 17.00-45.00 per head, No. 1-3 40-60 lbs. 45.00-49.00 per head.

SHEEP 15. Choice 90-120 lbs. wooled slaughter lambs 47.50-52.00, Good 80-90 lbs. 42.00-46.50.

GOATS 20.00-39.00 per head.

New Holland Dairy

New Holland, Pa.
Wednesday, Nov. 3
Report supplied by auction

Reported receipts of 47 cows, 90 heifers, and 0 bulls. Market steady with 2 weeks ago.

Load of Pa. fresh cows 1200.00-1600.00; Load of Pa. fresh cows 960.00-1275.00; Load of Pa. fresh cows 1300.00-1400.00, springers 860.00-1000.00; Load of Pa. fresh cows 875.00-1300.00.

Locally consigned cows 680.00-1150.00; Springing heifers 650.00-1075.00; Open heifers 325.00-525.00.

For quotations of next week's prices
Call Collect 215-488-7617
After 2:00 P.M. Wednesday

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or Jim (717) 249-2359

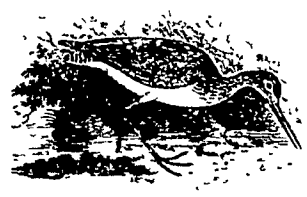
Livestock market and auction news

THE OLD FARMER'S ALMANAC

NOV. 8-14, 1982

Climb a peak this cool week.

Pull up old vegetable garden plants now. Veterans Day Nov 11 (Thurs.)... Last quarter of the moon Nov 8 (Mon.) .. Average length of days for the week, 9 hours, 56 minutes .. Margaret Sanger formed American Birth Control League Nov. 9, 1921 . Thunder in November means a fertile year to come... *There was never a good knife made of bad steel.*



Ask the Old Farmer: My husband and I are in the process of restoring a 1947 Chevrolet "Woody Wagon" The wood is ash/oak and mahogany panels What kind (if any) of stain was originally used on the wood and also what kind of finish should be applied? K A., Portland, Penn

My folks had quite a few beach wagons, as they were called then. To touch them up we used only spar varnish, no stain. If water has entered the joints and turned the wood black, bleach it out with oxalic acid.

Home Hints: Turnip peels, washed clean and tied in a knot, give extra flavor to soups

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week brings rain south; clearing midweek; for weekend, sleet, then light rain

Greater New York-New Jersey: Rain, snow north, to begin week, rest of week is clearing, cold

Middle Atlantic Coastal: To start, rain, snow mountains, cold temperatures; then clearing and mild

Piedmont & Southeast Coastal: Showers, cold temperatures through midweek; sunny, mild to end week.

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Westminster Livestock Auction

Westminster, Md.
Tuesday, Nov. 2
Report supplied by auction

BUTCHER COWS: Large Run! 50 cents to $1 lower. High Yield 41.00-46.25; Standard & Utility 38.50-40.25; Canners 36.00-38.00; Shelly 37.00 down. Slaughter Bulls- Good 1200-1600 lb. 51.50-54.00; Medium 48.00-51.00. Fed Steers- Mostly Good 950-1400 lb. 55.00-58.75, Holsteins 47.00-51.25. Fed Heifers- Good to Choice 54.00-57.00, Commercial to Good 47.00-52.50.

BUTCHER HOGS: Light run. US #1 & 2 215-240 lb. 1 lot to 54.00; 260-300 lb. 49.50-53.50. Sows- Few Thin 350-450 lb. 40.00-49.50. Boars- 550-680 lb. to 44.25.

VEAL CALVES: Choice Scarce. Choice 1.00-85.00; Good 65.00-75.00; Stocky & Thin 50.00-60.00; Killers 80-100 lb. 47.00-54.00; Weak & Rough 46.00 Down.

CALVES RETURNED TO FARM: Good demand for bulls. 100-120 lb. 60.00-77.00; 90-105 lb. 55.00-69.00. Holstein Bulls 90-105 lb. 55.00-69.00. Beef Type 75-110 lb. 55.00-70.00.

LAMBS: 40.00-44.00 Sheep 8.00-15.00.

STOCK CATTLE: Good Run! Prices steady to weak. Steers- 300-700 lb. (Choice) 58.00-61.00, 1.00 to 67.00 (Good) 52.00-57.00; 700-950 lb. (Good 54.00-56.00, Holsteins 45.00-46.00. Heifers- 300-700 lb. (Good) 43.00-49.50. Bulls- 250-500 lb. (Choice) 59.00-63.00 (Good) 51.00-54.00.

PIGS AND SHOATS: Large Run! $2 to $4 lower. By the Head 15-30 lb. 15.00-30.00, 30-50 lb. 25.00-38.00. By the Lb. 110-160 lb. 49.50-51.50.

Joliet Cattle

Thursday, Nov. 4
Report supplied by USDA

Friday through Wednesday's salable receipts 4,300; 5 days last week 3,714; same period a year ago 4,560. Trading moderate for the week. Slaughter Steers ended the week 1.00-2.00 lower compared with Wednesday of last week. Slaughter Heifers ended the week 1.00, instances 1.50 lower. Slaughter Cows closed the week 50-1.00 lower.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1125-1300 lbs. 59.00-60.00 Monday; 57.50-58.50, 2 loads 59.00, 1 load 59.50 Wednesday. Choice 2-4 1050-1300 lbs. 57.50-58.75 Monday; 56.00-58.50, mostly 57.00-57.50 Wednesday. Mixed Good and Choice 2-3 1000-1200 lbs. 57.00-57.50 Monday; 55.50-56.50, 4 load string 1325 lbs. 58.00 Wednesday. Package Good 2 1150 lbs. Holsteins 52.00 Monday.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 975-1100 lbs. 57.50-58.00 Monday; 55.00-57.25, 2 loads 58.00 Wednesday. Mixed Good and Choice 2-3 800-1000 lbs. 52.00-55.00 Monday; 50.00-55.00 Wednesday.

SLAUGHTER COWS: Cutter & Utility 1-3 34.50-37.50 Monday; Canner 1-2 33.00-34.00 Monday.

St. Louis Cattle

St. Louis
Thursday, Nov. 4
Report supplied by USDA

CATTLE: Receipts this week 4,400; week ago 5,000; year ago 4,500. Compared to the previous weeks close, slaughter steers and heifers steady to .50 lower. Cows 1.00-2.00 lower. Bulls steady to weak. Slaughter supply mainly Choice and Choice and Prime slaughter steers, around 35% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 58.00, couple part load 1300 and 1355 lbs. 58.50; few lots 3-5 1150-1250 lbs. 54.00-56.00. Choice 2-4 950-1250 lbs. 57.00-58.00. Mixed Good and Choice 2-4 900-1175 lbs. 56.00-57.00. Good 2-3 900-1175 lbs. 54.00-56.00. Limited supply mostly Good 2-3 1050-1250 lb. Holsteins 51.00-54.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1057 lbs. 55.00-56.00, closing 55.50-55.50; few lots 3-5 900-1100 lbs. 51.00-53.50. Choice 2-4 850-1050 lbs. 54.00-55.50, closing 54.00-55.00. Mixed Good and Choice 2-3 800-1000 lbs. 52.00-54.00. Good 2-3 750-950 lbs. 50.00-52.00.

COWS: (Closing week sales) Utility and Commercial 2-4 33.00-35.00. Boning Utility 1-2 35.00-36.00. High-Yielding Utility 1-2 36.00-37.00. Cutter 1-2 31.00-34.00. Canner and low Cutter 1-2 27.00-31.00.

BULLS: YG 1-2 1050-1800 lbs. 44.00-48.00. YG 1 49.00-50.00.

Wednesday's Weekly Sheep Auction

Receipts about 550 head. Compared last Wednesday, slaughter lambs steady to 1.00 higher. Other classes scarce.

SLAUGHTER LAMBS: Choice and Prime 95-115 lb. Shorn with No. 1-2 pelts 43.00-47.00. Several lots Choice and Prime 95-125 lb. Wooled 42.00-45.50, mostly 42.00-45.00. Scattered lots Choice 80-105 lbs. 40.00-42.00.

FEEDER LAMBS: Few Choice and Prime 95-125 lbs. 41.00-42.50. Couple small lots good and Choice 73-91 lbs. 30.00-32.00.

FEEDERS: (Including around 1,500 at the regular Thursday auction). Feeder Steers steady to 1.00 higher. Feeder Heifers firm to 1.00 higher. Instances 2.00 higher. Supply mainly Medium Frame 1 and Mixed 1-2 350-700 lb. Heifers. Good attendance.

FEEDER STEERS: Medium frame 1: 300-500 lb. 60.50-64.25; 650-725 lb. 61.50-64.50; scattered lots 825-950 lbs. 57.00-58.00; few lots fleshy 750-825 lb. 52.00-56.25. Medium Frame 1-2 and some small frame 1: 300-650 lb. 55.00-59.50.

BULLS: Few lots Medium frame 1-2 475-600 lb. 52.50-57.00.

FEEDER HEIFERS: Medium Frame 1: 350-500 lb. 50.25-54.50; 500-700 lb. 51.75-56.00; scattered lots 725-865 lbs. 50.00-54.50. Medium Frame 1-2: 275-625 lbs. 46.25-50.75, mostly 47.00-49.00.

STOCK COWS: Lot Medium Frame 1-2 903 lbs. Middle-aged bred in second and third stages of pregnancy 44.25. Lot Medium frame 1-2 946 lb. middle-aged and aged 35.00.

Dewart Livestock

Dewart, Pa.
Monday, Nov. 1
Report supplied by PDA

CATTLE 205: Compared with last Tuesday's market, slaughter steers grading Good & Choice about steady. Slaughter cows 25 cents to 50 cents, spots $1.50 lower. Choice No. 2-4 1000-1300 lbs. slaughter steers 58.00-61.00, Good 54.75-57.50, few Standard 48.00-52.75. Few Choice slaughter heifers 56.00-58.75. Utility & Commercial slaughter cows 37.75-41.75, couple to 44.75, Cutters 36.25-38.75, Canner & Low Cutter 30.50-36.25, Shells down to 20.00. Couple Good slaughter bullocks 55.00 and 55.75. Yield Grade #1 850-1770 lbs. slaughter bulls 39.00-53.50, mostly 46.00-51.00.

CALVES 197: Few Choice vealers 90.00-100.00, God 67.00-84.00, few Standard & Good 100-115 lbs. 59.00-65.00, 70-100 lbs. 49.00-59.00. Farm calves, holstein bulls 90-130 lbs. 65.00-90.00.

HOGS 159: Barrows & gilts 25 cents to 50 cents lower. US No. 1-2 215-225 lbs. barrows & gilts 55.90-57.00, No. 1-3 215-250 lbs. 54.90-55.70, No. 1-3 165-185 lbs. 51.10-54.00. Few US No. 1-3 450-700 lbs. sows 49.00-54.75.

FEEDER PIGS 134: US No. 1-3 20-40 lbs. feeder pigs 26.50-39.50 per head, No. 1-3 50-70 lbs. 45.50-57.50 per head.

SHEEP 41: Choice 75-120 lbs. wooled slaughter lambs 45.00-51.00, couple to 55.50, few Good 60-80 lbs. 35.00-41.00. Few Slaughter ewes 9.00-15.00.

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Va. market summary & sale reports

Virginia Auction Summary

Oct. 28-Nov. 3
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 13,139.

TREND: Steers & bull steady, heifer steady to $2 higher.

Southwest, Va.
Auction Summary
Oct. 28-Nov. 3

STEERS: 300-500 lbs. Medium 1 55.00-65.00; Large 1 58.00-65.00; Small 1 45.00-58.00. 500-700 lbs. Medium 1 54.00-62.75; Large 1 56.75-65.00; Small 1 47.75-58.00. 700-1000 lbs. Medium 1 51.00-60.00; Large 1 53.00-63.50; Small 1 45.00-56.00.

HEIFERS: 300-500 lbs. Medium 1 40.00-50.25; Large 1 41.50-51.00; Small 1 36.50-44.00. 500-700 lbs. Medium 1 40.00-50.00; Large 1 41.00-52.50; Small 37.00-44.00. 700-900 lbs. Medium 1 41.00-47.50; Large 1 45.00-46.00; Small 1 700-900 lbs. 37.00-42.00.

Southeast Va.
Auction Summary
Oct. 28-Nov. 3

STEERS: 300-500 lbs. Medium 1 54.50-63.50; Small 1 50.00-55.00. 500-700 lbs. Medium 1 55.00-62.50; Small 1 44.75-50.00. 700-1000 lbs. Medium 1 54.00-59.25.

HEIFERS: 300-500 lbs. Medium 1 38.50-46.00; Large 1 48.00; Small 1 42.00. 500-700 lbs. Medium 1 40.00-51.25.

Northern Va.
Auction Summary
Oct. 28-Nov. 3

STEERS: 300-500 lbs. Medium 1 55.00-67.50; Large 1 57.00-69.50; Small 1 49.00-61.00. 500-700 lbs. Medium 1 53.00-65.75; Large 1 56.00-67.75; Small 1 50.00-60.00. 700-1000 lbs. Medium 1 53.00-63.75; Large 1 53.10-62.50; Small 1 56.00-66.00.

HEIFERS: 300-500 lbs. Medium 1 40.00-52.00; Large 1 43.50-53.50; Small 1 38.50-48.00. 500-700 lbs. Medium 1 41.00-52.75; Large 1 44.00-53.75; Small 1 38.00-49.00; 700-900 lbs. Medium 1 43.00-50.00; Small 1 40.00-42.00.

Special Graded Feeder Cattle

Culpepper, Va.
Thursday, Oct. 28

1,180 head.

STEERS: Medium 1: 300-400 lbs. 57.00-69.00; 400-500 lbs. 61.00-72.00; 500-600 lbs. 62.00-73.50; 600-700 lbs. 66.00-67.00. Large 1: 400-500 lbs. 61.00; 500-600 lbs. 67.50-68.00; 600-700 lbs. 65.50-68.00. Small 1 300-400 lbs. 59.00-64.50; 400-500 lbs. 59.00-68.50; 500-600 lbs. 62.00-65.00; 600-700 lbs. 63.00. Med. and Lg. 2: 400-500 lbs. 59.00; 500-600 lbs. 54.25

HEIFERS: Medium 1: 300-400 lbs. 45.00-49.25; 400-500 lbs. 49.00-58.00; 500-600 lbs. 55.25-59.75; 600-700 lbs. 58.25. Large 1: 400-500 lbs. 52.00-55.50. Small 1 300-400 lbs. 51.50-52.00; 400-500 lbs. 45.50-58.00; 500-600 lbs. 55.00. Med. and Lg. 2: 300-400 lbs. 48.00; 500-600 lbs. 51.50.

Special Graded Feeder Cattle

Marshall Va.
Thursday, Oct. 28

1,344 head.

STEERS: Medium 1: 400-500 lbs. 64.00; 500-600 lbs. 64.50-72.50; 600-700 lbs. 63.00-66.50; 700-800 lbs. 60.00-65.25; 800-900 lbs. 59.50-64.00; 900-1000 lbs. 57.75-60.00. Large 1: 500-600 lbs. 67.00; 600-700 lbs. 63.00-64.50; 700-800 lbs. 61.00-63.25; 800-900 lbs. 58.50-62.50; 900-1000 lbs. 58.00-60.00. Small 1: 400-500 lbs. 55.00-58.50; 500-600 lbs. 55.00-58.00; 600-700 lbs. 56.75-63.75; 700-800 lbs. 60.25-60.75; 800-900 lbs. 54.00-54.50. Med.-Lg. 2: 400-500 lbs. 52.50; 500-600 lbs. 51.50-57.00; 600-700 lbs. 56.00-59.50; 700-800 lbs. 54.50-59.50; 900-1100 lbs. 56.50.

HEIFERS: Medium 1: 500-600 lbs. 46.00-53.50; 700-800 lbs. 50.00-53.50; 800-900 lbs. 48.00-53.00; 900-1000 lbs. 51.25. Large 1: 500-600 lbs. 55.00; 700-800 lbs. 52.50; 800-900 lbs. 53.00. 900-1000 lbs. 48.00-52.00. Small 1: 500-600 lbs. 40.00; 700-800 lbs. 43.50-44.00; 800-900 lbs. 50.00. Med.-Lg.-2: 500-600 lbs. 39.00-47.50; 700-800 lbs. 43.50-45.00.

Special Graded Feeder Cattle

Winchester, Va.
Friday, Oct. 29

1,346 head.

STEERS: Medium 1: 300-400 lbs. 72.50-74.00; 400-500 lbs. 66.50-74.00; 500-600 lbs. 68.00-73.75; 600-700 lbs. 65.25-68.00; 700-800 lbs. 61.00-65.75; 800-900 lbs. 56.00-64.25; 900-1000 lbs. 60.50-62.00. Large 1: 400-500 lbs. 72.00; 500-600 lbs. 68.00-72.00; 600-700 lbs. 65.75-67.00; 700-800 lbs. 64.00-66.50; 800-900 lbs. 55.50-59.00; 900-1000 lbs. 61.50. Small 1: 300-400 lbs. 63.50-65.50; 400-500 lbs. 65.50-70.00; 500-600 lbs. 65.00-67.00; 600-700 lbs. 67.00; 700-800 lbs. 63.50-64.50. Med.-Lg. 2, 400-500 lbs. 59.50; 500-600 lbs. 58.00-59.50; 600-700 lbs. 58.50-59.50; 700-800 lbs. 57.00-58.50; 800-900 lbs. 56.00-59.50; 900-1000 lbs. 55.50.

HEIFERS: Medium 1: 300-400 lbs. 56.00-57.00; 400-500 lbs. 51.00-58.00; 500-600 lbs. 52.00-60.00; 600-700 lbs. 50.00-54.50; 700-800 lbs. 51.00-53.00. Large 1: 400-500 lbs. 52.00-60.50; 500-600 lbs. 52.00-59.00; 600-700 lbs. 53.00-58.50; 700-800 lbs. 53.00-57.00. Small 1: 300-400 lbs. 38.00-50.00; 400-500 lbs. 44.00-55.00; 500-600 lbs. 41.00-47.00; 600-700 lbs. 45.50. Med.-Lg. 2: 300-400 lbs. 43.00; 400-500 lbs. 36.00-44.00; 500-600 lbs. 42.50-45.00; 600-700 lbs. 43.00-44.25.

Special Graded Feeder Cattle

Abington, Va.
Monday, Nov. 1

794 head.

STEERS: Medium 1: 400-500 lbs. 56.00-63.00; 500-600 lbs. 58.25-64.00; 600-700 lbs. 62.25-64.50; 700-800 lbs. 62.00-64.75; 800-900 lbs. 54.00-60.00; 900-1000 lbs. 51.50-53.25. Large 1: 600-700 lbs. 59.00-66.00; 700-800 lbs. 55.00-59.50; 800-900 lbs. 53.00-56.50; 900-1000 lbs. 51.50-53.60; 1000-1100 lbs. 47.75-49.50. Small-1: 400-500 lbs. 57.00-65.00; 500-600 lbs. 51.00-60.50; 600-700 lbs. 55.50-62.00; 700-800 lbs. 54.00-61.50; 800-900 lbs. 53.50-58.00. Med.-Lg. 2: 400-500 lbs. 59.00-64.00; 500-600 lbs. 59.50-62.00; 600-700 lbs. 59.00-61.00; 700-800 lbs. 52.75-54.50; 800-900 lbs. 49.00-50.00.

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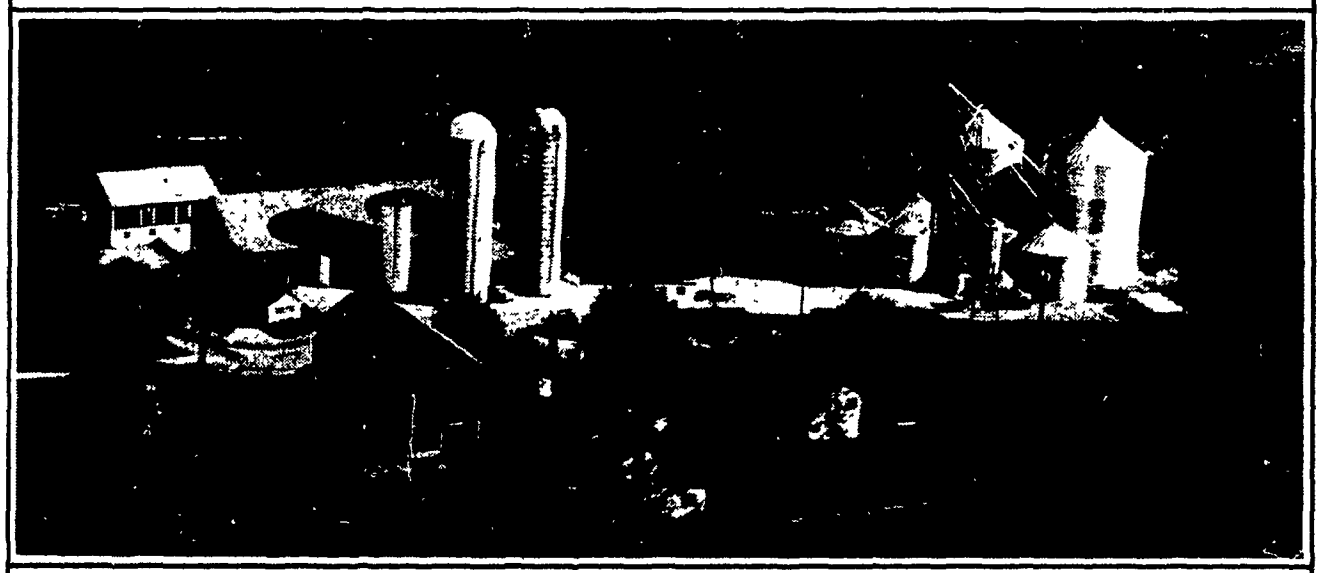
Your Agway farm insurance agent gives you proof



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Proof about quality coverage

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Agway agents spend 100% of their time serving farmers like you. Your Agway agent is a farm insurance specialist, with the training to design a single policy that covers all your protection needs, including your home, personal property, barns, machinery, livestock, and even your produce.

Proof about the best price

Best of all, by combining all your coverage into one convenient package, your Agway agent can offer you a money-saving price and payment plans consistent with farm cash flow. In the vast majority of cases a comparison proves that Agway Farmowner's Insurance can offer you more complete protection at a better price. For your proof, fill out and send the coupon below. There's no obligation!

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Off the Sounding Board

By Sheila Miller, Editor

Health food hitlist makes headlines

Did you ever read a newspaper and want to throw it across the room because what you saw in print made you so angry? Hopefully that has never been the case when you sit down on a Saturday or Sunday and relax with Lancaster Farming. But it was the case when I read a story appearing in a recent Food Section of the Washington Post.

In bold headlines, reporter Phyllis C. Richman calls attention to her "Two True Tales of the Diet Generation." Her stories, "Change of Heart: 'Do It or You Die' " and "Bringing Taste Pritikin's Way," highlight the diet recommendations of 66-year-old Nathan Pritikin, an author of exercise and diet books. Pritikin is part-owner of a health center that bears his name in Downingtown, Chester County.

Sandwiched between these two stories, commanding the front page of the weekly food section, is a columnar diet hit-list developed by Pritikin. Even if you didn't dip down into reporter Richman's stories, just scanning the list of foods headed by the words "yes" and "no" would make a definite impression on most readers.

At the top of the column under a bold "NO" are listed: butter, egg yolks, oil, avocados, margarine, soybeans, shortening, olives, hard cheeses, pork, organ meats, other non-lean meats, dark meat and skin of poultry, excessive salt (4 grams per day allowed), white flour and its products, convenience foods with preservatives, sugar, molasses, corn syrup, brown sugar, dairy products (must be 1 percent or below), nuts (except chestnuts) or seeds.

After reading that list, and getting more than slightly annoyed, I wondered "What is left for Pritikin to recommend to anyone interested in eating?" Dropping quickly down over a smiling picture of the author, I found my answer.

Vegetable stock for cooking, stir-frying with film of stock instead of oil, concentrated frozen apple juice as a sweetner, evaporated skim milk instead of cream, lowfat cottage cheese (less than 1 percent by weight), sap sago cheese (though highly salty), lowfat yogurt, breads (fat-free whole grain: pita, bagels, corn tortillas), crackers and cereals (also fat-free), oat bran, whole-grain pastas with no oil or egg, and sugarless desserts, such as a pudding of rice simmered in apple juice.

Yummy — if you're a vegetarian.

Richman reports Pritikin refers to his diet as "the ordinary diet of the underdeveloped population of the world" and that he thinks it should be the diet of the developed populations as well. When asked if anyone should not be on this diet by one of the folks who had paid $2,755 for a two-week course on how to eat healthfully by Pritikin, the best-selling author reportedly said "I don't know who it would be." To which another guest is quoted as having said: "Maybe the president of the American Dairy Association."

A case history of a Pritikin convert, Mark Talisman, who was having chest pains and "flunked the stress test in his doctor's office," also was outlined in the reporter's story. But was Talisman's doctor's "F" grade the result of food or the fact he smoked a pack and a half of cigarettes a day, weighed 180 pounds and was only 5'1" tall, and only exercised by walking to work in the city and gardening, that caused his arteries to become "substantially blocked?"

As readers follow the tranformation of Talisman into the Pritikin-mold, they discover how this man changed his diet to include no fats, no sugar, not salt, no cheeses, eggs or red meats, with a maximum 1½ pounds of animal protein a week. A success story ensues, with Talisman claiming victory in the battle with high cholesterol.

Just think how many folks read that paper and swallowed Pritikin's diet advice — the Washington Post's circulation is more than 600,000 strong. Hopefully, not everyone is so gullible as to believe everything they read without questioning its applicability — but you never know.

Agricultural producers have to get their own "food-is-beneficial" campaign stories circulating, not only in rural papers, but more especially in urban papers like the Post.

Beef, dairy, pork, poultry, lamb — all livestock food animals have received its share of bad press recently which has raised questions in consumers' minds. It's important that these people continue to hear from farm organizations on why these same products are nutritious and healthful in normal diets.

Farm Calendar

Saturday, Nov. 6

NAILE opens and continues through Friday, Nov. 19, Lousiville, Ky.

Pa. Livestock Association annual meeting-banquet, 7 p.m., Holiday Inn, Grantville

KILE continues through noon Wednesday, Farm Show Complex Harrisburg.

Sunday, Nov. 7

Heart of Penn Goat Club, 2 p.m., Someday Hill Farm, Dornsife.

PFA annual meeting, Hershey Convention Center, continues through Wednesday.

Monday, Nov. 8

Bradford Eastern DHIA annual meeting, 7:45 p.m., Wysox Fire Hall.

Franklin Conservation District, 7:30 p.m., County Administration Building, Chambersburg.

Poultry Servicemen's Meeting, 6:30 p.m., Holiday Inn, North, Lancaster.

Tuesday, Nov. 9

Pa. Brown Swiss Association annual meeting, 11 a.m. Best Western Inn, Carlisle.

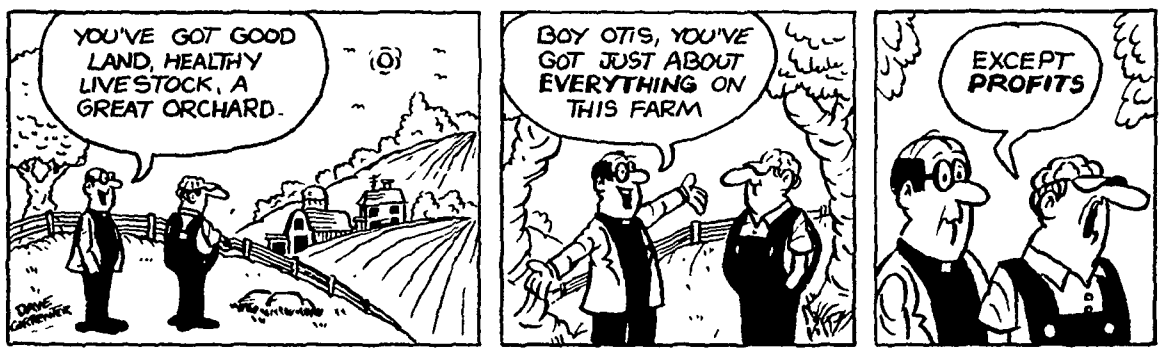
Md. Agricultural Outlook Reports, 10 a.m., Talbot County Extension Office, Easton, Md.

Lancaster Holstein Club banquet, 6:45 p.m., Harvest Drive Restuarant.

Wayne County Milkers' School, 10 a.m.-3:30 p.m., Belmont Fire Hall, Pleasant Mount.

(Turn to Page A12)

OTIS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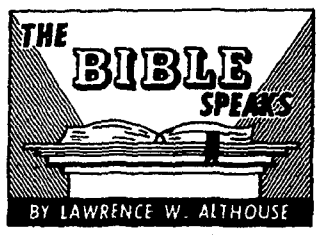

WHAT MEAN THESE STONES?
November 7, 1982

Background Scripture: Joshua 3 through 4.
Devotional Reading: Joshua 4:19-24.

Organized religions are constantly in danger of falling into one of two dangerous extremes. One of these is to dwell in the past and the other is to forget the past.

Perhaps this is the reason that the musical show, Fiddler on the Roof, has always had so much appeal to me. Apart from being most entertaining, each time I see it I am reminded that life is dependent both upon keeping tradition and breaking it. Somehow we must keep a creative tension between forgetting out traditions and keeping them.

Passing Over Jordan

Perhaps this is evident in the story recorded for us in Joshua 3 and 4. Having safely crossed the Jordan, God commands his people through Joshua to create a memorial with 12 stones. One gets the impression that perhaps these stones were still visible when the Book of Joshua was written. At any rate, the 12 stones were part of Israel's tradition.

Yet, the point of the story is not that the stones were to be honored, but that the stones were to point to something else: the safe passage over the river Jordan by the help of God. "When your children ask in time to come, 'What do those stones mean to you?' Then you shall tell them that the waters of the Jordan were cut off before the ark of the covenant of the Lord...So these stones shall be to the people of Israel a memorial forever"(4:7).

It is typical of human nature to in time venerate the symbol, rather than that for which the symbol stands. When that happens, our tradition has become as empty—and often even harmful—as that of the scribes and pharisees which Jesus condemned. God can continue to speak to us through traditions and symbols, but when these become a substitute for God, they lose their meaning and their reason for being.

You Shall Tell Them

If we want to keep our traditions alive as a means through which God can speak to us and future generations, then it is extremely important for us to teach each generation the meaning behind them. All too often we simply pass on the symbols and traditions without making sure that they are still alive. And perhaps the reason that they do not live for our children and youth is that they no long live for us. If we have allowed our traditions to become meaningless rituals that we practice by rote and without understanding, how can we expect that they will mean something to the younger generations?

It is also true that there comes a time when the old traditions no longer are channels of God's revelation. Then it is that, instead of clinging to the stones, we must find new ways by which God is able to speak to us.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Check Ventilating Systems

Exhaust fans in dairy and poultry house ventilation have a heavy job to do. They remove considerable moisture and dust, and in many cases run almost continuously from November to April.

To make your ventilation system more effective in the winter, several items may need attention. Some of the major factors would be to:

- Clean fan blades, motor enclosures and louvered shutters frequently;
- Tighten loose belts on belt driven fans. Fan output will vary directly with fan speed. A 10 percent loss in R.P.M.'s of the fan means a 10 percent loss in air delivery;
- Check the thermostat for accuracy by hanging a thermometer beside it for easy comparison of thermostat settings with actual air temperature. Be sure the sensing element is clean and free from dust accumulation;

Attention to these factors will not only give you better ventilation but increase the motor life.

To Winterize Small Engines

Many small engines on farms and around homes may be hard to start next spring. But you can change that by properly winterizing your small engines. Here are some suggestions:

- After running the engine to reach operating temperature, drain the crankcase and refill with new oil, as specified in the operator's manual;
- Add a few teaspoons of gasoline stabilizer into the gas tank and run the engine for several minutes to make sure the stabilizer flows throughout the fuel system. It's actually better to drain the gas tank and run the engine until it stops;
- If the engine is water cooled, be sure the anti-freeze in the cooling system is sufficient for the lowest temperature. Use an anti-freeze tester for this check;
- Remove the spark plug and pour about a tablespoon of clean oil into the cylinder. Also, clean the regap the spark plug or replace it with a new one;
- Use an air gun to blow loose dirt and chaff from the engine. Remove and service the air cleaner;
- Finally, cover the engine with a piece of canvas and store in a dry place under cover.

To Be Careful With Space Heaters

Colder weather is here and we see many types of heating equipment. Most of these are quite acceptable provided they are properly used and vented. In some cases the fumes from the fuel can be the cause of suffocation and bodily injury; in other cases they can be a fire hazard.

If temporary heaters are used, we suggest that extreme care be used to be certain that they do not make people ill or present a health hazard. Your local fire department officials, or a local plumber, will be able to give additional assistance. Don't take chances with the health of your family or your employees.

For A Hog Report Surprise

The Quarterly Hogs and Pigs Report released on September 22 was a total surprise! The prospects of cheap feed and high profits in hogs should have prompted producers to have substantial

(Turn to Page A12)

The Systems Approach of Hershey Equipment lets you put it all together

Todays profit minded poultry, swine, and grain producers must think in terms of an automatic system.

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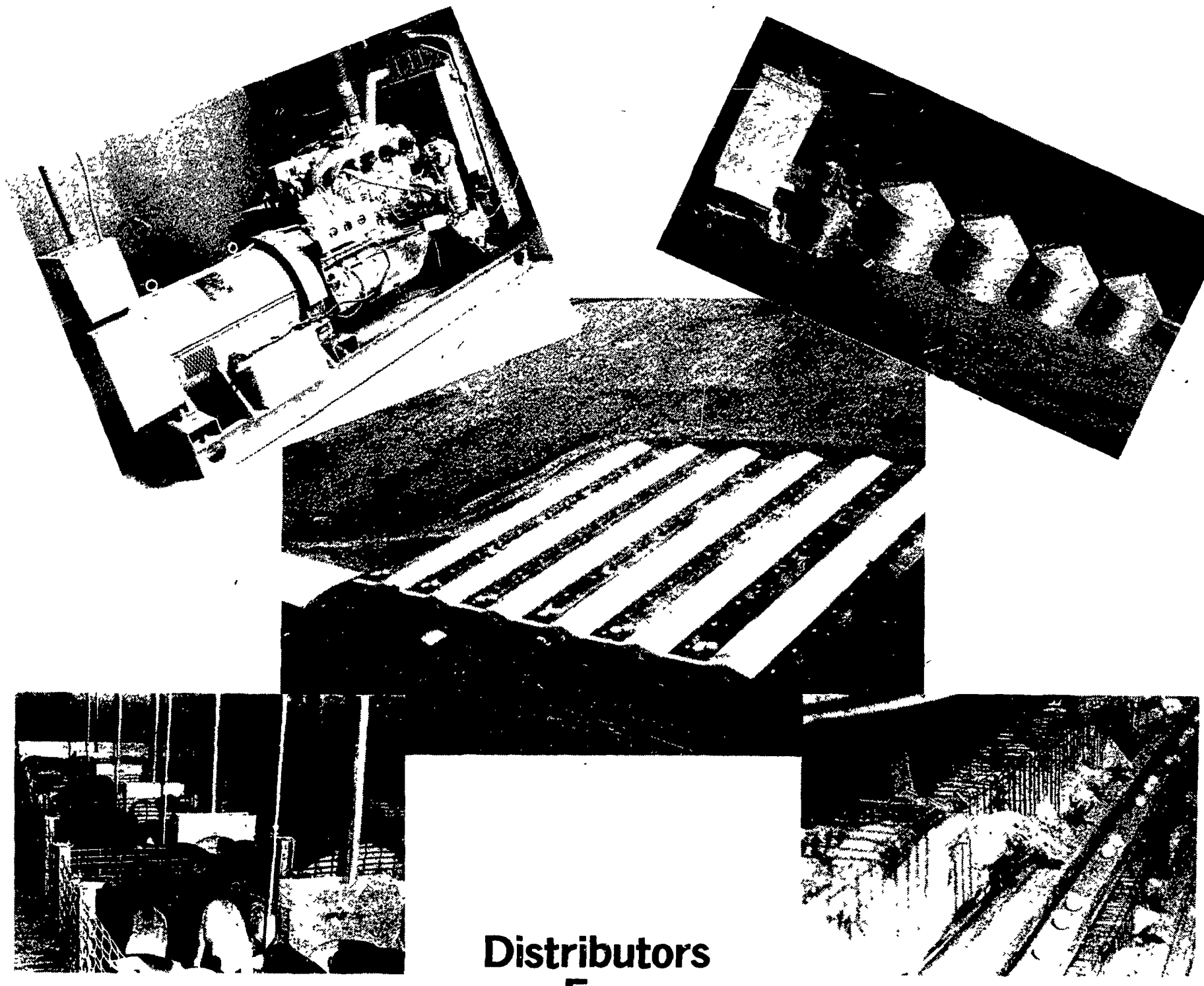

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Block appoints cost of production review board

WASHINGTON, D.C. — Secretary of Agriculture John R. Block today named eleven members to the National Agricultural Cost of Production Standards Review Board, established by the 1981 Agriculture and Food Act.

The board is responsible for advising the secretary of agriculture on the methods used by USDA to estimate the costs of producing major farm commodities and for reviewing parity calculations.

Legislation requires that seven board members by commercial farmers and three others have expertise in cost of production methodology. The eleventh member must be a USDA employee.

Block said the board's chairman will be William Turrentine, a farmer from Garden City, Kans., who raises wheat, sorghum and alfalfa. The vice chairman will be Carol Hallett, a nonfarmer representative from Atascadero, Calif., who serves on the agriculture committee of the California State Assembly.

The other farmer members are Oren Childers, Cordele, Ga.; James Milton Devers, Jr., Nichols, S.C.; Lawrence V. Gray, Nampa, Idaho; Timothy N. Hartsock, Chilicothe, Ohio; Milton J. Hertz, Mott, N.D.; and John H. Kautz, Lodi, Calif.

Other nonfarmer members are Marvin R. Duncan, assistant vice president and economist with the Federal Reserve Bank of Kansas City, and Bobby H. Robinson, professor of agricultural economics and rural sociology. Clemson University.

The USDA member is George Hoffman, deputy administrator of the Economic Research Service.

CCC drops interest rate

WASHINGTON, D.C. — Commodity and farm storage loans disbursed in November by the U.S. Department of Agriculture's Commodity Credit Corporation will carry a 9.75 percent interest rate, according to CCC Executive Vice President Everett Rank.

The new rate, down from 11 percent, reflects the interest rate charged CCC by the U.S. Treasury in November, Rank said. It is the lowest interest rate charged by CCC since the 1979 crop when the rate was 9 percent, Rank said.

Farm Calendar

(Continued from Page A10)

Bradford Western DHIA, 7:45 p.m., Troy Sr. High School.
Lancaster County 4-H Capon Exhibit, 9:30 a.m., Andy's Catering Service, 1106 Millersville Pike.
Stockholder's meeting, York PCA-FLBA, Embers Quality Inn, Carlisle.

Wednesday, Nov. 10

Md. Agricultural Outlook reports, 10 a.m., Calvert County Extension Office, Prince Frederick, Md.
Bradford Lamb Pool, 9-11 a.m., Wyoming Sales Barn.
Stockholders' meeting, York PCA-FLBA, Sheraton Inn, Gettysburg, 7 p.m.
Pa. Rural Electric Assn. annual meeting, Hotel Hershey.
Dairy Technology Conference, 9:30 a.m., Center of Adult Education, University of Md.

Thursday, Nov. 11

Inter-State annual meeting, continues through Friday, Host Farm.
Wayne County Milkers' School, 10 a.m.-3:30 p.m., Belmont Fire Hall, Pleasant Mount.
Bucks County Honey Show, 8 p.m., Mandell Hall . Auditorium, Delaware Valley College, Doylestown.

Friday, Nov. 12

Md. Agricultural Outlook Reports, 10 a.m., Frederick County Extension Office, Frederick, Md.
Sheep Breeding & Production Conference, continues through Saturday, Penn State Keller Conference Center.
Farm-City Week annual kick-off luncheon, noon, Quality Inn, Rt. 72, Lebanon.
PEMA meeting, Sheraton, Lancaster, 6:30 p.m.
Lancaster County 4-H Sheep Roundup, 6 p.m., Manheim Fair Grounds

Saturday, Nov. 13

Southeast District 4-H Beef Show & Sale, morning judging, sale at 1:30 p.m., New Holland.
Pa. State Beekeepers Association annual meeting, Green Gables Motor Inn, Lewistown.
1982 Rodeo, Farm Show Complex, Harrisburg.
Pa. Farm and Power Equipment Association annual convention, Hershey Convention Center, continues through Wednesday.

OUR READERS WRITE, AND OTHER OPINIONS

First to use and foster

We whole heartedly concur Joyce Bupp's "Farmwife" column of Sept. 25.

Dairy farmers should certainly be the first to use and foster the use of "Natures most nearly perfect fo d." There are so many opportunities when dairymen fail to promote.

For starters, insist that those preparing banquet meals use real dairy products. Someone assumes the responsibility of selecting the menu be it chicken or roast beef. That's the time to say we want the REAL thing.

Are we, as producers, good consumers? Be sure we use real dairy products in our own homes.

Accept the opportunity to take cows to shopping malls for milking contests. That'a a great place to promote. Even ask the mall manager–for a place to show off your local Dairy Princess, some calves — pass out dairy recipes, information on the REAL seal, etc.

If we were to visit the offices of the Coca-Cola Co. or attend their banquets, would they be serving Pepsi?

The Armacosts of Hickory Hill
Upperco, Md.

Now is the Time

(Continued from Page A10)

expansion underway. Hog producers are, however, still cutting production.

They have 12 percent fewer hogs on farms than a year ago, and breeding numbers are down 13 percent. Producers intend to cut December 1982-February 1983 farrowing 4 percent below the low level of a year ago. The hog business should be profitable for another year reports Chester D. Hughes, Extension Livestock Agent.

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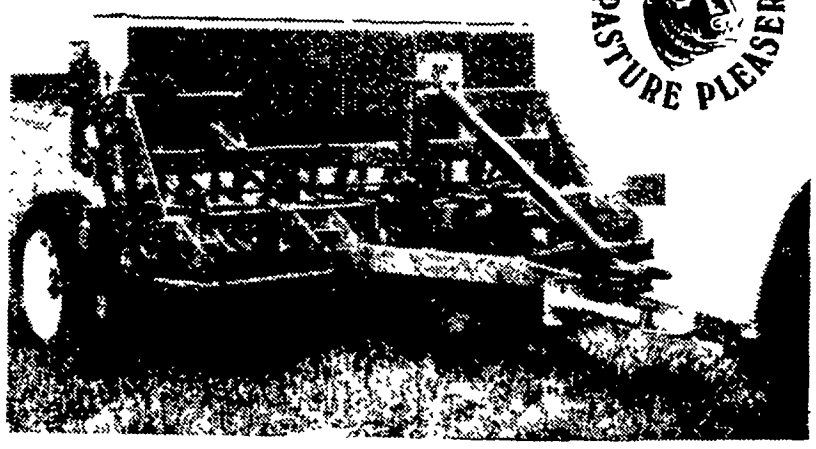

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HESSTON The PRIME LINE

Livestock market and auction news

New Wilmington Livestock

New Wilmington
Monday, Nov. 1, 1982
Report supplied by PDA

CATTLE 245: Compared with last Monday's market, slaughter cows 50 cents to 75 cents higher. Few Choice slaughter steers 60.00-62.75, few Good 51.75-53.50, Standard 45.00-51.50, Utility 39.00-43.00. Few Choice slaughter heifers 56.50-58.50, Good 49.00-53.25, few Standard 46.00-48.00. Utility & Commercial slaughter cows 38.50-43.50, Cutters 35.00-39.75, Canner & Low Cutter 28.00-35.50, Shells down to 25.00. Yield Grade #1 and #2 1025-1825 lbs. slaughter bulls 43.00-48.00. Few Medium & Large Frame #1 730-830 lbs. feeder steers 84.00-49.00, Medium & Large Frame #2 300-600 lbs. 36.00-45.00; Medium & Large Frame #1 300-630 lbs. feeder heifers 40.00-45.00.

CALVES 301: Vealers $3 to $5 lower. Choice vealers 82.00-90.00, few Good 65.00-75.00, Standard & Good 90-125 lbs. 40.00-50.00, 65-85 lbs. 33.50-40.00, Utility 50-90 lbs. 15.00-30.00. Farm calves, holstein bulls 95-135 lbs. 45.00-59.00; holstein heifers 85-130 lbs. 45.00-85.00.

HOGS 519: Barrows & gilts $2 to $2.50 lower. US No. 1-2 210-250 lbs. barrows & gilts 54.00-55.00, No. 1-3 200-265 lbs. 53.35-54.35, No. 2-3 220-275 lbs. 50.00-53.00, No. 1-3 145-185 lbs. 44.00-46.00. Sows mostly $4 lower. US No. 1-3 295-625 lbs. sows 46.00-51.50. Boars 42.00-47.50.

FEEDER PIGS 32: US No. 1-3 15-30 lbs. feeder pigs 13.00-28.00 per head, No. 1-3 40-50 lbs. 33.00-38.00 per head.

SHEEP 130: Choice 65-85 lbs. wooled slaughter lambs 50.00-55.00, 90-105 lbs. 45.00-49.00, Good 60-95 lbs. 42.00-51.00. Slaughter ewes 9.50-17.00.

Indiana Auction

Homer City, PA.
Thursday, Nov. 4
Report supplied by PDA

CATTLE: 118. Sl. steers: Choice 58.00-60.75; (few) Good 53.50-56.25; (few) Standard 48.50-52.50. Sl. heifers: couple Choice 59.25 & 60.00. Sl. cows: Utility & Commercial 37.50-41.50; Commercial 4-5 34.00-37.75; Cutters 35.00-38.00; Canner & L. Cutter 30.25-35.00. Sl. bullocks: Standard & Good 47.00-50.00. Sl. bulls: (few) Yield Grade No. 1, 1210-1970 lbs. 45.00-52.00.

FEEDER CATTLE: Heifers, (few) Medium Frame No. 1, 360-710 lbs. 43.00-46.75; (few) Medium Frame No. 2 440-775 lbs. 36.00-39.25.

CALVES: 119. (few) Choice 87.00-93.00; Good 75.00-83.00; Standard & Good 90-120 lbs. 53.00-59.00, 60-85 lbs. 44.50-55.50.

FARM CALVES: Hol. Bulls 85-125 lbs. 54.75-70.00; Hol. Heifers 85-120 lbs. 57.50-81.00. Beef Cross Bulls & Heifers 50-95 lbs. 41.50-65.00.

HOGS: 22. one lot US No. 1-2 250 lbs. at 55.25; one lot No. 1-3 220 lbs. at 53.25. Sows- US No. 1-3 330-710 lbs. 48.75-50.75. (few) Boars 40.00-40.25.

FEEDER PIGS 12. one lot US No. 1-3 40 lbs. at 40.00 per head.

SHEEP: 27. Good & Choice 70-110 lbs. 45.00-48.50. one Sl. ewe at 16.00.

Keisters Middleburg Auction

Middleburg, Pa.
Tuesday, Nov. 2
Report supplied by Auction

CATTLE 344: High Choice & Prime slaughter steers 58.00-61.75, Choice 56.00-60.85, Good 55.00-57.85, Standard 52.00-55.00, Utility 48.00-52.00. Good slaughter heifers 53.00-57.25, Standard 48.00-53.00, Utility 42.00-48.00. Utility & Commercial slaughter cows 38.00-41.75, Cutters 36.00-40.10, Canner & Low Cutter 32.00-36.00, Shells down to 28.00. Choice slaughter bullocks 55.00-57.35, Good 52.00-55.00. Yield grade #1 1200-1675 lbs. slaughter bulls 48.00-54.25; yield grade #2 800-1200 lbs. 45.00-48.00. Medium Frame #1 350-750 lbs. feeder steers 52.00-67.50; Medium Frame #1 350-800 lbs. feeder heifers 32.00-48.50; Medium Frame #1 350-750 lbs. feeder bulls 35.00-59.75.

CALVES 166: Prime vealers 104.00-106.00, Choice 80.00-97.50, Good 60.00-72.50, Standard & Good 90-110 lbs. 50.00-60.00, 70-90 lbs. 40.00-50.00. Farm calves, holstein bulls 90-120 lbs. 55.00-80.00.

HOGS 416: (Monday, November 1, 1982) US No. 1-2 210-235 lbs. barrows & gilts 55.50-56.85, few lots 58.50, No. 1-3 190-250 lbs. 54.50-55.50, No. 2-3 190-270 lbs. 54.00-54.50. US No. 1-3 385-565 lbs. sows 50.25-54.00, few to 58.00.

FEEDER PIGS 331: US No. 1-3 20-35 lbs. feeder pigs 20.00-35.00 per head, No. 1-3 30-50 lbs. 35.00-62.00 per head.

SHEEP 11: Choice 90-110 lbs. wooled slaughter lambs 46.00-51.00, Good 75-90 lbs. 42.00-45.00, Utility 15.00-22.00.

GOATS 14: No market test.

New Holland Horse

New Holland, Pa.
Monday, Nov. 1
Report supplied by auction

Reported receipts of 322 head of horses, mules, and ponies. Market: Killer, lower; rest of market steady.

Load of Work, Iowa horses 725.00-900.00; Load of Work, Ohio horses 810.00-960.00 singles, 1325.00-1775.00 pairs; Load of Driving Pa. horses 530.00-1075.00.

Local Better horses 450.00-700.00; Driving horses 350.00-1075.00; Riding horses 325.00-425.00; Lightweight killers 325.00-375.00; Heavyweight killers 425.00-485.00; Mare Ponies 35.00-110.00; Colts 15.00-30.00; Geldings 35.00-110.00; Larger ponies 125.00-175.00.

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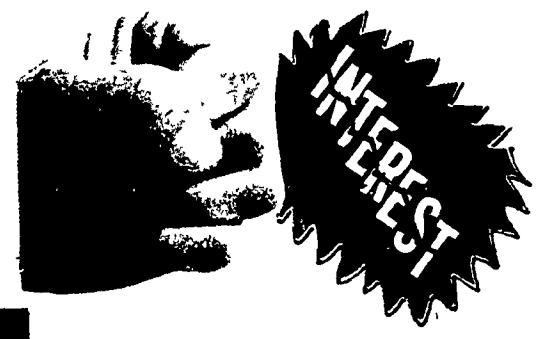


5% INTEREST ON NEW HOLLAND MACHINERY

EFFECTIVE NOW THROUGH JAN. 1st 1983

OR

0% Financing

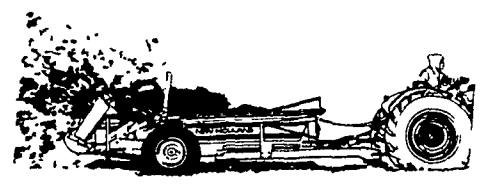
12 Monthly Payments

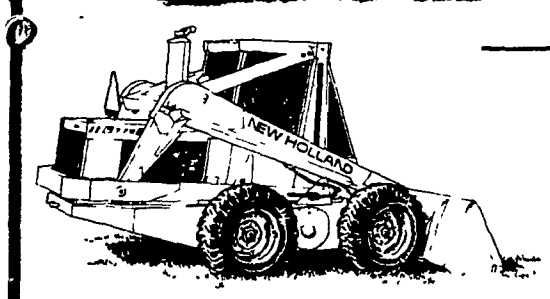
OR

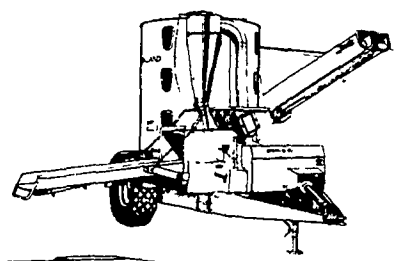
CASH REBATES

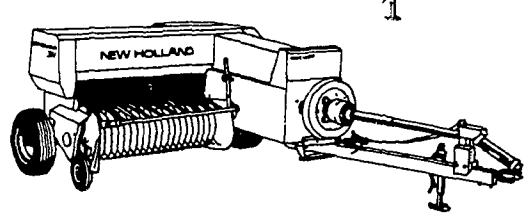
Ranging Up To

$6,000









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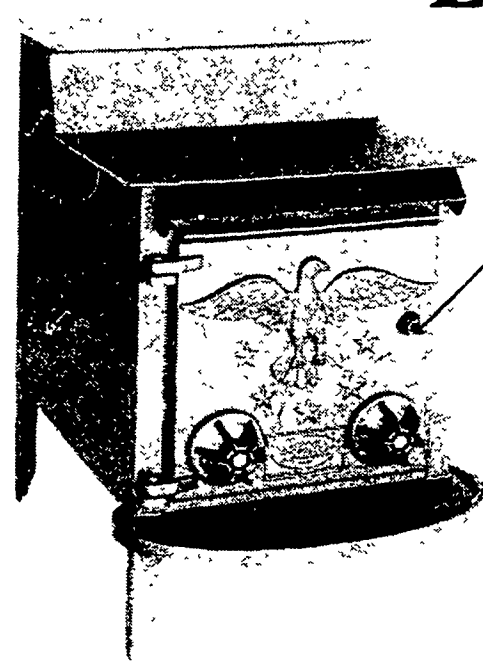
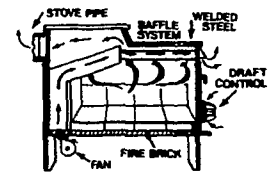
Baker SILVER EAGLE



REg. $540.00

SPECIAL

$499.95



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Livestock market and auction news

Lancaster Feeder Cattle

Friday, Oct. 29
Report supplied by USDA

Today	1284
Last Friday	459
Last Year	737

TREND: Compared to last week feeder steers 1.00-2.00 lower; feeder heifers 2.00-3.00 lower; feeder bulls steady to 1.00 lower. Supply included 767 offered for sale in graded lots of 10 or more, balance sold mainly in lots of four or less.

FEEDER STEERS: Medium 1: 32 head 450-560 lbs. 61.75-62.25; 25 head 610-620 lbs. 61.50-63.25; 52 head 710-750 lbs. 62.75-64.00; 27 head 820-865 lbs. 62.75-63.35. Large 1: 11 head 585 lbs. 62.00; 56 head 825-905 lbs. 62.10-64.50; 18 head 1128 lbs. 54.50. Medium & Large 1: 12 head 534 lbs. 62.85; 38 head 675-780 lbs. 59.60-62.50; 15 head 844 lbs. 57.85. Medium 1-2: 29 head 415-485 lbs. 58.00-60.25; 54 head 500-575 lbs. 57.00-60.25; 56 head 635-665 lbs. 58.75-61.25; 27 head 730-760 lbs. 59.00-63.25; 16 head 890-920 lbs. 54.25-59.35. Large 1-2: 10 head 521 lbs. 60.50. Medium & Large 1-2: 12 head 717 lbs. 55.25; 11 head 826 lbs. 59.50. Small & Medium 1-2: 28 head 445-545 lbs. 57.00-57.75; 20 head 662 lbs. 61.75. Medium 2: 10 head 449-453 lbs. 52.75-54.25. Large 2: 15 head 835 lbs. 56.75; 3 head 985 lbs. 50.75. Large 2 Holsteins: 22 head 640-710 lbs. 47.00-50.00.

FEEDER HEIFERS: Medium 1: 15 head 403 lbs. 48.75. Medium & Large 1: 27 head 630-645 lbs. 51.35-51.50; Small & Medium 1-2: 17 head 441 lbs. 48.00. Medium 1-2: 5 head 591 lbs. 46.50.

FEEDER BULLS: Medium & Large 1: 11 head 619 lbs. 55.25. Medium 1: 21 head 550-560 lbs. 47.75-48.50. Small & Medium 1: 11 head 389 lbs. 60.25. Medium 1-2: 13 head 646 lbs. 50.75.

Belknap Livestock

Dayton, Pa.
Wednesday, Nov. 3
Report supplied by PDA

CATTLE 98: Couple Choice slaughter steers 54.50 and 56.00. Few Choice slaughter heifers 51.00-53.75. Utility & Commercial slaughter cows 36.25-40.00, one at 41.75, Commercial No. 4-5 33.00-36.25, Cutters 33.00-37.00, Canner & Low Cutter 25.00-33.00, Shells down to 20.00. Few Yield Grade #1 1160-1420 lbs. slaughter bulls 46.75-50.50; couple yield grade #2 1175 lbs. at 44.25 and 1200 lbs. at 40.00. Few Medium Frame #1 350-610 lbs. feeder steers 42.00-53.00; Medium Frame #1 310-735 lbs. feeder heifers 35.00-44.00.

CALVES 90: Couple Choice vealers 83.00 and 85.00, one Good at 70.00, Standard 45.00-54.00, Standard & Good 90-125 lbs. 48.00-61.00, 65-85 lbs. 41.00-51.00, few Utility 50-60 lbs. at 40.00. Farm calves, holstein bulls 95-125 lbs. 55.00-66.00; few holstein heifers 90-155 lbs. 54.00-73.00.

HOGS 190: US No. 1-2 215-240 lbs. barrows & gilts 53.25-53.75, one lot 55.75, No. 1-3 200-250 lbs. 52.00-53.00, No. 2-3 225-280 lbs. 48.00-50.00. US No. Few Boars 40.00-43.00.

FEEDER PIGS 55: US No. 1-3 20-35 lbs. feeder pigs 23.00-38.00 per head, few Utility 30-35 lbs. 17.00-20.00 per head.

SHEEP 22: Mixed Good & Choice 80-100 lbs. wooled slaughter lambs 38.00-42.00. Few slaughter ewes 8.50-10.00.

Peoria Cattle

Peoria, Illinois
Thursday, Nov. 4
Report supplied by USDA

Compared to last week slaughter steers 1.00 lower. Heifers 1.00 to 2.00 lower. Cows 2.00 lower. Bulls 2.00 to 3.00 lower. Trade opened the week fairly active with buyers cautious and selective. Yield grade remains the main pricing factor and a liberal supply of Choice consignments carrying yield grade 4's resulting in discounts. Receipts this week about 2700 as compared to 2875 a week ago and 3074 a year ago.

SLAUGHTER STEERS: Choice, few Prime 2-4 1000-1375 lbs. 56.00-58.00 Part load around 1200 lbs. 58.50. Yield Grade 3-4's 1150-1450 lbs. 52.00-54.00. Good and Choice 2-3 900-1150 lbs. 55.00-57.00, few 57.50. Good 54.00-56.00. Holsteins: Package Standard and Good 1-2 1280 lbs. 48.50.

SLAUGHTER HEIFERS: Choice, few Prime 2-4 950-1150 lbs. 54.75-57.50 mostly 54.75-56.50 late with two part loads and load 950-1085 lbs. Monday at 58.00-58.50. Yield grade 3-4's 950-1100 lbs. 53.00-56.50 late 53.00-55.00. Good and Choice 2-3 850-1100 lbs. Closing 52.50-55.00. Good 51.00-53.00.

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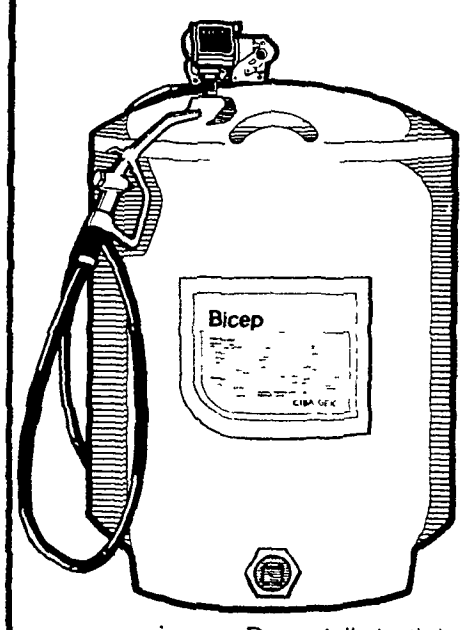

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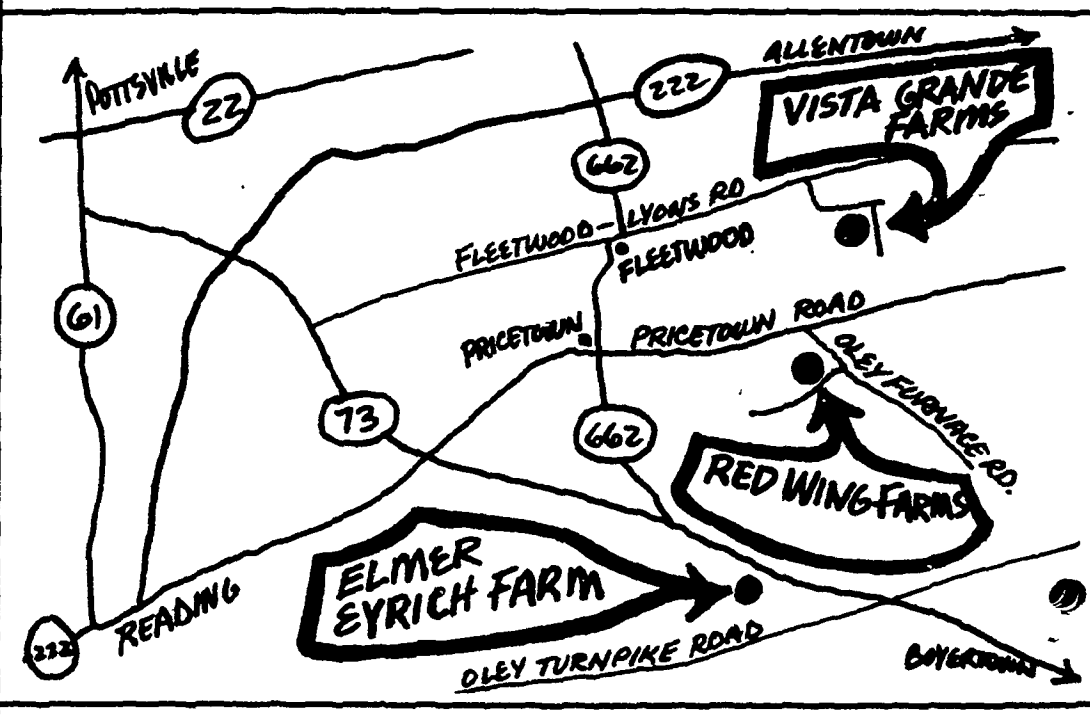

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Livestock market and auction news

Chambersburg Auction

Chambersburg, Pa.
Thursday, November 4
Report supplied by PDA

CATTLE: 386. Sl. steers: few low Choice No. 2-4, 990-1300 lbs. 55.00-57.60; Good 54.00-56.75; Standard 47.00-52.75; few Utility 44.00-46.25. Sl. heifers: couple Choice 54.25 & 54.75; few Standard 48.25-52.75. Sl. cows: Utility & Commercial 37.85-41.85, few to 43.10, one at 47.35; Cutters 36.75-39.75; Canner & L. Cutter 33.50-37.00; Shells down to 29.50. Sl. bulls: Yield Grade No. 1, 1100-1975 lbs. 48.00-53.25.

FEEDER CATTLE: Steers, few Medium Frame No. 1, 350-775 lbs. 40.00-50.50. Heifers, few Medium Frane No. 1, 300-700 lbs. 36.00-44.00.

CALVES: 421. Few Prime 105.00-109.00; Choice 76.00-95.00; Good 60.00-75.00 Standard & good 70-105 lb. 50.00-60.00; Utility 50-85 lbs. 40.00-52.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 63.00-86.00, few to 90.00; Hol. Heifers 85-140 lbs. 55.00-87.50.

HOGS: 60. Barrows and gilts 1.00 lower. US No. 1-2 210-245 lbs. 52.75-53.50; US No. 1-3 300-500 lbs. 51.00-53.75.

FEEDER PIGS 97: US No. 1-3 20-35 lbs. 17.50-25.00; No. 1-3 45-65 lbs. 28.00-40.00 per head.

SHEEP: 10. Wooled sl. lambs few Good & Choice 65-95 lbs. 42.00-49.00.

GOATS: 4. No market test.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Nov. 1
Report supplied by auction

Total No. of Head 580. Hay 57.00-58.00 ton. Straw none.

Holstein Hfr. Calves 58.00-66.00; Veal Calves 65.00-88.00; Vealer Bull Calves 62.00-65.00; Slaughter Calves 43.00-60.00; Grassers & Feeders 28.00-52.00; Lambs 38.00-44.50; Sheep 12.00-22.50; Hogs, 200-250 lbs. 55.00-57.00; Sows 45.00-52.00; Boars 40.00-44.50; Pigs 15.00-54.00; Heifers 37.00-47.25; Steers 40.00-47.25; Steers, feeder 36.00-52.00; Bulls 33.00-47.75; Cows, utility 37.00-41.50; Cows, fat 38.00-40.00; Cows, medium 32.00-35.50; Cows, poor or small 22.00-28.85; Cattle market real active; Calf Market steady; Horses to 410.00; Ponies to 130.00; Goats 23.00-52.00.

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Your American Bankers: Bill Hughes, Gene Richard

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Livestock market and auction news

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Oct. 30
Report supplied by auction

FEEDER CATTLE: Steers: M&L-1 300-500 lbs. 55.00-66.50; 500-700 lbs. 53.00-65.75; 700-1000 lbs. 53.00-63.75; Holstein 300-1000 lbs. 40.50-52.50. S-1&M&L-2 300-500 lbs. 51.00-60.00; 500-700 lbs. 51.00-58.25; 700-1000 lbs. 49.00-52.50. Feeder Bulls: M&L-1 300-500 lbs. 55.00-63.00; 500-700 lbs. 50.00-60.00; 700-1000 lbs. 41.00-47.50. S-1&M&L-2 300-500 lbs. 45.00-53.00; 500-700 lbs. 44.00-53.00; 700-1000 lbs. 38.00-45.00. Heifers: M&L-1 300-500 lbs. 43.00-53.00; 500-700 lbs. 43.00-50.00. S-1&M&L-2 300-500 lbs. 39.50-44.50. Stock Cows: Baby Calves- 25.00-50.00 Smalls, 50.00-90.00 Large.

SLAUGHTER COWS: Steady. Utility & Commercial 2-4 34.00-40.50; Canner & Cutters 1-3 25.00-32.00.

SLAUGHTER BULLS 1&2: 42.00-50.00.

LAMBS: 1.75 lower. High Choice & Prime 47.75; Choice 44.25; Feeder Lambs Choice 48.50-48.75; Slaughter Ewes 7.00-12.00; Head Ewes 27.00-41.00.

HOGS: US 1-3 200-240 lbs. 54.25; Sows 1-3 47.00-57.00; Boars 43.00.

VEAL: Choice & Prime 63.00-68.00; Good 50.00-59.00.

SLAUGHTER CALVES: Good & Choice 48.00-57.00.

Oklahoma Cattle

Thursday, Nov. 4
Report supplied by USDA

Estimated Receipts	1900
Same Day Last Week	1736

Trade moderate. Feeder Steers and Heifers steady to 1.00 lower in clean up type trade. Majority receipts Medium Frame 1 and Mixed 1-2 300-650 lb. Feeder Steers and 300-500 lb. Feeder Heifers.

FEEDER STEERS: Medium Frame 1 300-400 lb. 62.26-63.80, small lot 337 lb. 66.20; 400-500 lb. 61.30-63.75; 500-600 lbs. few 61.40-61.50; 600-650 lb. 60.40-61.10. Small Frame 1 450-525 lb. 54.10-60.10. Medium and Large Frame Mixed 1-2 400-500 lb. 58.00-60.50; 500-600 lb. 59.25-60.90; 600-675 lb. 58.00-60.10. Medium and Large Frame 2 package 466 lb. 56.60; 600-735 lb. 54.00-55.00.

FEEDER HEIFERS: Medium Frame 1 300-500 lbs. 51.25-55.00; 500-600 lb. 54.00-54.90; package 609 lb. 57.40. Medium and Large Frame Mixed 1-2 300-500 lb. 48.00-51.00; 525-650 lb. 51.75-52.50; few 740-775 lb. 49.00-50.60. Medium and Large Frame 2 400-500 lb. 46.00-47.10.

FOR THE WEEK: Compared to last Thursday Feeder Steers and Heifers 1.00-3.00 higher. Slaughter Cows generally steady with Utility and Commercial 2-3 35.50-38.50; Cutters 1-2 32.50-35.25; Canners and low-Cutters 27.00-32.40, with light weight canners 22.25-28.00. Slaughter Bulls were steady to 1.00 lower with limited sales YG 1 1100-1500 lb. 45.25-48.80. Salable receipts this week near 19,400 head compared with 27,585 head last week and 16,502 head last year. Majority of receipts or 89 percent, consisted of Feeder Cattle and Calves; Cows and Bulls made up about 11 percent of estimated supply.

G&M Livestock

Monday, Nov. 1
Duncansville, Pa.
Report supplied by auction

Compared to last week: Steers steady, Cows lower, Hogs steady.

STEERS: High Choice and Prime 57.00-59.20; Good to Choice 53.00-57.00; Standard to Good 50.00-53.00; Utility 44.00-50.00.

FEEDER PIGS: 25-35 lbs. 25.00-35.00; 35-50 lbs. 35.00-50.00 per head.

HEIFERS: High Choice and Prime 55.00-58.85; Good to Choice 52.00-55.00; Standard 46.00-50.00; Utility 42.00-46.00.

FEEDER STEERS: Good to Choice 300-600 lbs. 52.00-60.00. Feeder Heifers 40.00-52.50.

BULLS: 1100-1800 lbs. 47.00-54.10; 900-1100 lbs. 45.00-52.00.

COWS: High Choice to Prime 40.00-44.00; Couple 46.00 and 49.85; Good 36.00-40.00; Standard 34.00-46.00; Utility 32.00-34.00; Cutters 30.00-32.00; Canners down to 26.00.

CALVES: High Choice none offered; Good to Choice 70.00-90.00; Standard to Good 50.00-70.00. Utilty down to 30.00. Farm Calves Hol. Bulls 90-120 lbs. 60.00-79.50. Farm Calves Hol. Heifers 90-120 lbs. 65.00-92.50.

HOGS: 200-240 lbs. 55.00-58.10; 170-300 lbs. 53.00-55.00.

SOWS: 300-600 lbs. 50.00-56.75.

BOARS: 40.25-48.50.

LAMBS: 90-110 lbs. 46.00-52.00.

SHEEP: 12.00-26.00.

GOATS: 15.00-32.00.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, Nov. 3
Report Supplied by PDA

CATTLE 114. (PDA). Compared with last Wednesday's market, slaughter cows steady to $1 lower. Few Standard slaughter steers 47.60-52.00. Utility & Commercial slaughter cows 36.00-40.10, couple 40.75, Cutters 34.00-36.75, Canner & Low Cutter 30.75-34.50, Shells down to 28.00. Few Yield Grade #1 870-1345 lbs. slaughter bulls 42.35-47.75.

CALVES 151. Few Choice vealers 70.00-90.00, Standard & Good 70-100 lbs. 45.00-54.00, Utility 50-85 lbs. 33.00-43.00. Farm calves, holstein bulls 90-130 lbs. 55.00-81.00; few holstein heifers 85-100 lbs. 54.50-69.00.

HOGS 140. US No. 1-2 215-245 lbs. barrows & gilts 53.25-54.35, few lots No. 1-3 225-235 lbs. 51.60-54.00. US No. 1-3 320-700 lbs. sows 50.00-54.50. Few Boars 38.25-47.75.

FEEDER PIGS 306. US No. 1-3 15-20 lbs. feeder pigs 14.00-26.00 per head, No. 1-3 20-40 lbs. 23.00-51.00, No. 1-3 45-75 lbs. 51.00-66.00 per head.

SHEEP 31. Few Choice 65-70 lbs. wooled slaughter lambs 53.50-57.50, few Good & Choice 40-70 lbs. feeder lambs 44.00-49.50. Few Slaughter ewes 17.00-29.00.

HOLSTEIN DAIRY COWS $630-$1130, couple at $1290 PER HEAD.

GOATS 23. 17.00-31.50, couple to 42.00 per head.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Nov. 2
Report supplied by auction

Beef Cows: Utility and Commercial 40.10-42.50; Cutters 36.85-39.60; Canners 32.40-35.85; Shells 30.85.

Heifers: Good 48.20-53.10; Standard 43.20-46.20; Commerical 34.00-40.60.

Steers: Choice 50.25-53.50; Good 46.50-49.20.

Bulls: Good 52.00-55.00; Standard 42.25-48.10.

Feeder Cattle: 300-500 lbs. large frame 47.25-54.50; 300-500 lbs. small frame 42.40-48.10; 500-700 lbs. large frame 42.00-44.10; 500-700 lbs. small frame 31.25-44.25.

Veal Calves: Prime 85.00-94.00; Choice 78.60-83.20; Good 65.20-76.10; Standard 53.60-64.20; Utility 42.80-52.50.

Farm Calves: Bulls 70.20-89.20; Heifers 65.20-77.60.

Hogs: 52.25-56.25.

Sows: 48.75-50.50.

Boars: 35.00-44.00.

Shoats: 25-30 lbs. per head 12.50-22.00; 30-35 lbs. per head 24.50-36.00; 35-50 lbs. per head 39.25-56.50.

East Coast Carlot

Wednesday, Nov. 3
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal 2.00 higher than Friday's last test. Good and Choice Boning veal steady to 1.00 lower; no inshipped veal reported. Lamb not established early. Boneless beef generally steady with last week. Beef trimmings lightly tested, firm.

VEAL CARCASS
250 Head
PRIME
HIDE ON

180-240 lbs. 153.00-157.00, few 159.00, steady to 2.00 higher.

BONING TYPE
HIDE-ON
Good & Choice

Northeastern Suppliers: All steady to 1.00 lower. 65-75 lbs. 80.00-83.00; 55-64 lbs. 78.00-81.00; 45-54 lbs. 76.00-79.00; 35-44 lbs. 74.00-77.00; 34 lbs. down. 72.00-75.00.

Inshipped: No sales reported.

BONELESS BEEF
4 Loads

All generally steady.
90 pct chem lean, fresh 114.00.
85 pct chem lean, fresh 111.00.

BEEF TRIMMINGS
1 Loads

50 pct chem lean, fresh 52.50, firm.

CURED AND PROCESSED MEATS
1 Load

Picnics 5-7 lbs. 77.00, no recent comparison.

(Continued from Page A2)

lower, although small supply late firm. Supply included 35 per cent slaughter steers, 6 per cent slaughter heifers, 16 per cent cows, 5 per cent bulls, balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1425 lbs. 60.50-63.25, few individuals 64.00-64.75; Good and Choice 1-2 1100-1350 lbs. 62.00-63.75, about a dozen head 63.75-64.50; Choice 2-4 1000-1400 lbs. 58.75-61.50, few lots Choice 2-3 61.75-62.75; high Good and low Choice 2-3 1000-1350 lbs. 56.00-59.00, Good 2-3 53.00-57.00; Good and Choice 1150-1600 lb. holsteins 50.75-54.50, few head Choice 55.50-57.85, Standard 1-2 46.75-52.00.

SLAUGHTER HEIFERS: Choice 2-3 850-1100 lbs. 54.00-57.10, few Yield Grade 2 58.00-60.50; Good 2-3 800-1000 lbs. 49.50-54.50.

COWS: Utility and Commercial 1-3 38.00-40.50, few mainly late 41.00-42.75, Commercial 3-4 35.00-41.00, Cutter 1-2 36.00-39.75, few 40.00-41.00, Canner and low Cutter 32.50-36.75.

BULLOCKS: Choice 1000-1300 lbs. 58.00-61.00, couple late 61.00-62.00; Good 1000-1250 lbs. 54.00-59.00, few early 50.00-54.00.

BULLS: Yield Grade 1 1200-2000 lbs. 48.75-52.75, few 53.00-57.00; Yield Grade 2 1000-1300 lbs. 46.00-51.00.

VEAL CALVES: Vealers 2.00-5.00 higher. Demand good for holstein bulls to return to farm.

VEALERS: Prime special fed 270-330 lbs. 108.00-118.00; few Choice and Prime 170-250 lbs. 115.00-120.00; Choice 150-230 lbs. 97.00-113.00, 240-300 lbs. 85.00-100.00; high Good and low Choice 160-280 lbs. 70.00-90.00, 120-160 lbs. 56.00-70.00, 80-110 lbs. 51.00-56.00, few 56.00-60.00, 60-75 lbs. 44.00-52.00.

SLAUGHTER CALVES: Good and Choice 180-350 lbs. 45.00-60.00, few Choice 60.00-65.00.

RETURN TO FARM: Few 110-120 lb. holstein heifers 80.00-84.00, around 60 head 90-105 lbs. 106.00-108.00, several 75-85 lbs. 55.00-70.00; bulk 100-120 lb. holstein bulls 75.00-88.00, few 89.00-94.00; bulk 890-95 lbs. 60.00-75.00, few 55.00-60.00.

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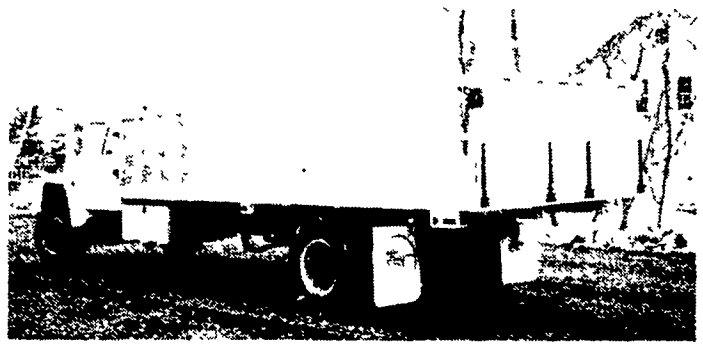

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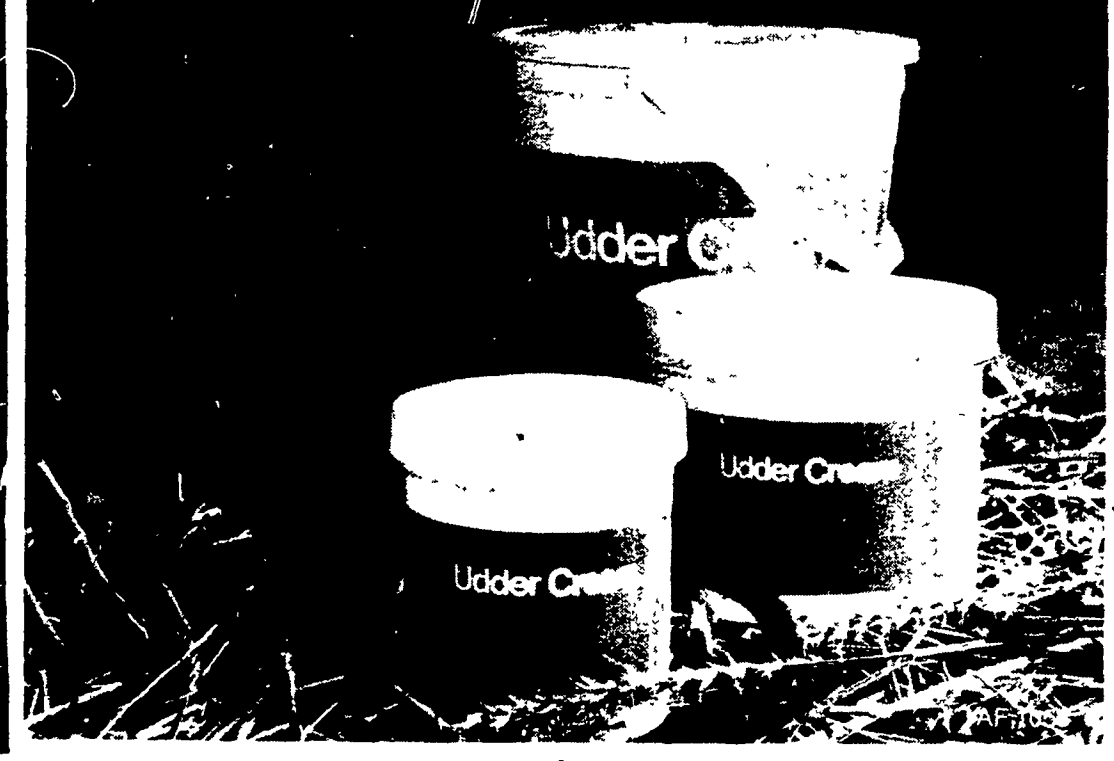


Livestock market and auction news

Leesport Livestock

Leesport, Pa.
Wednesday, Nov. 3
Report supplied by PDA

CATTLE 328: Compared with last Wednesday market, slaughter steers .50-1.00 lower. Slaughter cows unevenly steady. Slaughter bullocks 1.00-2.00 lower. Slaughter bulls steady. High Choice & Prime 1100-1250 lbs. slaughter steers 60.10-62.00, few Choice 1040-1200 lbs. 57.25-60.00, one at 62.85, few Good & Choice holsteins 1240-1400 lbs. 52.10-54.60, Good 52.50-58.00, Standard 50.00-52.50, few Utility & Low Standard 45.25-49.10. Few Choice slaughter heifers 53.60-57.25, Good 50.25-54.35. Utility & Commercial slaughter cows 38.00-40.75, few to 43.25, Cutters 35.00-39.60, Canner & Low Cutter 32.50 35.00, Shells down to 26.00. Good slaughter bullocks 52.50-54.10, few to 57.25, few Standard 49.85-52.00. Yield grade #1 1225-1820 lbs. slaughter bulls 49.35-56.50, mostly 52.00-55.50. Medium Frame #1 350-450 lbs. feeder steers 55.00-57.00, few down to 51.00, few Large Frame #1 320-570 lbs. 57.00-62.00, Large Frame #2 360-670 lbs. 45.00-48.50, few Medium frame #2 300-415 lbs. 40.00-48.00. Large & Medium Frame #1 325-635 lbs. feeder bulls 45.00-55.50, mostly 48.00-53.00.

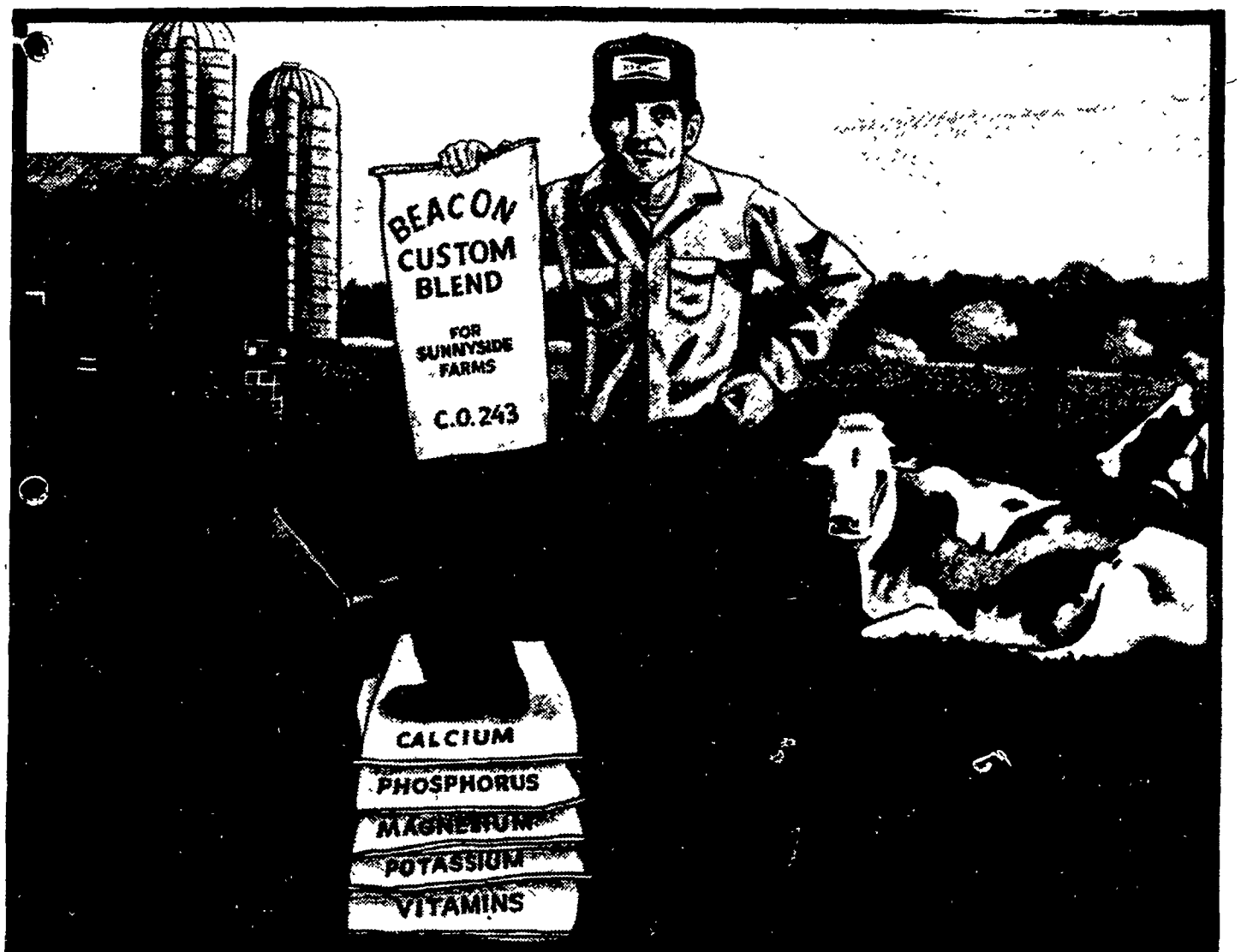
CALVES 151: Vealers unevenly steady. One Prime vealer at 111.00, Choice 94.00-105.00, few Good 85.00-95.00, Standard & Good 110-130 lbs. 60.00-76.00, 90-110 lbs. 52.00-57.00, 65-90 lbs. 40.00-51.00, Utility 60-100 lbs. 35.00-48.00. Farm calves, holstein bulls 90-120 lbs. 65.00-75.00, few down to 55.00; few holstein heifers 100-110 lbs. at 60.00.

HOGS 222: Barrows & gilts 1.75-2.75 lower. US No. 1-2 205-250 lbs. barrows & gilts 54.25-55.25, No. 1-3 195-265 lbs. 52.50-55.50, mostly 53.00-54.50, few No. 2-3 265-290 lbs. 52.00-52.50, one small lot No. 1-3 175 lbs. at 56.50. Sows 2.00-2.50 lower. US No. 1-3 285-560 lbs. sows 47.50-50.50, few to 52.75, few No. 2-3 480-515 lb.s 46.50-47.00, Medium 240-350 lbs. 40.50-46.00.

FEEDER PIGS 115: US No. 1-3 25-50 lbs. feeder pigs 101.00-119.00 cwt., few No. 1-3 75-110 lbs. 60.00-67.00 cwt.

SHEEP 15: Few Choice 90-125 lbs. wooled slaughter lambs 46.00-53.00, one New crop 60 lbs. at 61.00, one lot Good 65 lbs. wooled slaughter lambs at 45.00. Few Slaughter ewes 15.00-25.00.

GOATS 25: Large Adult Goats 30.00-46.00, small Goats 22.00-31.00 per head.



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Livestock market and auction news

Four States Livestock

Hagerstown, Md.
Wednesday, Oct. 29
Report supplied by auction

SLAUGHTER: Fed Steers- $1.00 higher. Choice 59.00-61.50; Good 54.00-58.00; Medium 53.00 down. Heifers- No Choice offered; Good 46.00-49.00; Medium 45.00 down. Cows- Mostly steady. Individual 45.00; High Yield 41.00-43.00; Average 38.00-40.00; Big Middle 35.00-37.00; Fatty Herf. 34.00-36.00; Shelly 36.00 down. Fat Bulls- Steady. Individual 56.35; Good 49.00-51.50; Medium 46.00-48.00. Veal Calves- $2.00 higher. Choice 86.00-94.00; Good 75.00-85.00; Medium 65.00-74.00; Farm Hfrs. to 90.00; Farm Bulls to 60.00; Light & Steady 43.00 down. Lambs- $2.00 higher. Good 44.00-47.50; Medium 43.00 down.

STOCKER: Steers 300-550 lbs. Large run $2.00 lower. Choice 60.00-64.50; Good 55.00-59.00; Medium 50.00-54.00; Culls 49.00 down. Steers 600-850 lbs. Choice 59.00-63.00; Good 52.00-58.00; Medium 51.00 down. Heifers (All weights) Choice 49.00-52.00; Good 43.00-48.00; Medium 42.00 down. Bulls- Choice 55.00-61.00; Good 48.00-54.00; Medium 47.00 down. Dairy Cows- to 625.00. Pigs, hd. $2.00 to $3.00 lower. 20-30 lbs. 26.00-35.00; 30-60 lbs. 36.00-44.00. Shoats by lb. to 49.50. Slaughter Hogs- 230-250 lbs. 52.50-53.50; 255-270 lbs. 52.00-53.00 Sows- 450-600 lbs. 51.00-54.00; 300-400 lbs. 45.00-50.00.

Weekly Summary

Friday, Nov. 5
Report supplied by PDA

CATTLE 6038: Compared with 6437 head last week, and 4132 head a year ago. Compared with last week's market: Slaughter steers mostly steady to 1.50 lower; Sl. heifers steady to 1.00 lower; Sl. cows steady to 1.50 lower, spots 2.00 lower, Sl. bulls uneven. Sl. steers High Choice & Prime No. 3-4, 60.00-62.75, few to 63.25, Choice No. 2-4 58.00-62.00; Good 53.00-57.85; Standard 47.00-52.50. Sl heifers Choice 54.00-57.25, few to 58.75; 49.00-54.50; Standard 46.00-51.25. Sl. cows Utility & Commercial 38.00-41.75, few to 43.50; Cutters 35.00-39.75; Canner & L. Cutter 32.00-36.25; Shells down to 20.00. Sl. bullocks Choice 55.00-61.00; Good 52.00-55.00; Standard 47.00-52.00. Sl. bulls Yield Grade No. 1 1000-2300 lbs. 48.00-54.00; Yield Grade No. 2, 900-1500 lbs. 42.00-51.00.

FEEDER CATTLE: Steers, few Large Frame No. 1, 300-700 lbs. 57.00-62.00; Medium Frame No. 1, 350-750 lbs. 48.00-57.00, few down to 40.00. Heifers, Medium No. 1, 300-800 lbs. 35.00-45.00, few to 50.00. Bulls Medium & Large Frame No. 1, 300-750 lbs. 45.00-59.75.

CALVES 3802: Compared with 3979 head last week and 3538 head a year ago. Vealers steady to 5.00 higher. Few prime 100.00-120.00; Choice 85.00-97.00, few to 113.00; Good 65.00-85.00, few to 95.00; 110-130 lbs. 60.00-70.00; 90-110 lbs. 48.00-60.00; 65-90 lbs. 40.00-51.50; Utility 50-110 lbs. 35.00-48.00, few down to 15.00.

FARM CALVES: Hol. Bulls 80-125 lbs. 45.00-90.00, mostly 55.00-82.00; Hol. Heifers 85-145 lbs. 45.00-108.00, mostly 54.00-85.00.

HOGS 5931: Compared with 5687 head last week and 5748 head a year ago. Barrows and gilts mostly 1.00-2.50 lower. US No. 1-2 200-245 lbs. 53.25-57.00 No. 1-3 200-250 lbs. 52.00-55.50; No. 2-3 200-275 lbs. 50.00-54.00; No. 1-3 140-190 lbs. 44.00-54.00; Sows 50-1.00 lower. US No. 1-3 300-650 lbs. 49.00-54.50; No. 2-3 300-700 lbs. 44.50-51.75. Boars 40.00-45.00, few to 47.85.

FEEDER PIGS 1160: Compared with 1162 head last week and 1179 head a year ago. Feeder pigs steady to 8.00 lower US No. 1-3 20-35 lbs. 17.00-38.00; No. 1-3 35-50 lbs. 35.00-49.00; No. 1-3 50-75 lbs. 45.00-66.00.

GRADED FEEDER PIGS 2565: Compared with 1975 head last week, and 1926 head a year ago. All sales by CWT. Feeder pigs 2.00-10.00 lower per hundred weight US No. 1-2 25-40 lbs. 105.00-136.00, 40-50 lbs. 102.00-132.00 50-60 llbs. 87.00-126.00, 60-70 lbs. 80.00-97.00; US No. 15-30 lbs. 138.00-144.00 30-55 lbs. 97.00-111.00, few to 124.00.

SHEEP 860: Compared with 649 head last week and 609 head a year ago. wooled sl. lambs uneven Choice & Prime 85-110 lbs. 58.00-63.00; Choice 65-110 46.00-58.00; Good 50-95 lbs. 42.00-52.00; Sl. ewes; 9.00-29.00.

Avoid electrical crisis

LANCASTER—Being "almost right" is not enough when dealing with electricity. An electrical installation is either right or wrong.

With the extra demand for electrical energy in winter, can you be sure that your home is adequately wired? You may have trouble brewing if fuses blow or trip; lights dim when an appliance is used; or, if the television screen shrinks or jumps when an appliance is turned on.

In these days of do-it-yourself projects, Penn State offers information, in the form of a correspondence course, that may help you avert trouble in your home. The course titled, "Electrical Tips For Everyone," covers diagnosis and solutions to many electrical problems in the home. It details how to install light fixtures, outlets and switches, and methods to use for testing fuses, circuits, cords, and appliances.

This well-illustrated, 10-lesson course describes procedures and gives examples of do-it-yourself jobs and others that require professional help. Outside and inside wiring, eliminating shock hazards, repairing electrical motors, and avoiding an electrical crisis in your home are discussed.

Consumers who are interested in reducing their electric bills will find helpful the section on hwo to determine if you are paying a reasonable amount for the electricity used each month.

You can get a complete copy of the course on electricity by sending $8.25 plus $1 handling to ELECTRICITY, Dept. 5000, University Park, PA 16801. Make check payable to PENN STATE.

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FARM COMPUTER SEMINAR
Wednesday, November 10 & 17, 1982
10:00 A.M. - 3:00 P.M.
at
THE OFFICE WORKS
Computer Learning Center
29 E. King Street, Lancaster, PA 17603

Topics to be discussed:
- What can a computer do for me on my farm?
- How do I decide which computer to buy?
- How much will it cost?
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Seminar will be a "hands-on" seminar, with the participants operating the computers. Wives are encouraged to attend. Apple computers will be used in seminar.
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D.I. reports

(Continued from Page A1)

had to be run apologizing to consumers when the snack-size half-pint flavored "Sip-Ups" sold out.

Due to the consumer acceptance of UHT, projected plans to market the product in the Baltimore-Washington area have been moved ahead. Dairymen now plans to introduce Farm-Best UHT and the Sip-Ups in that marketing area soon after the first of the year, with a million-dollar budget set aside to introduce and advertise the new concept in milk.

Calling Dairymen's past marketing successes a "heritage", Strock cited a 17-percent increase in the cooperative's share of first class milk sale in the Middle-Atlantic marketing area over the past year. That compares to a one percent increase overall in Class I sales. In the New York market, Class I percentage increases for Dairymen were even greater.

Also significant was the division's 12-month profit on producer service businesses, with the Middle Atlantic group topping it's 13 sister regions in Dairymen.

Comptroller Leroy Norfolk's report detailed those profits in his "divisional pool residual" breakdown. Profits from hauling, farm pickup and supplies and equipment totaled $234,622, with $233,956 of that amount returned to members in their milk check.

Melvin Leppo, member of the Dairymen board's finance committee, briefed division shippers on the overall cooperative's financial state. Dairymen, Inc., wrapped up the fiscal year on Aug. 31 with assets totalling $248 million, an increase over the previous year of $18 million. Slide charts of financial projections showed planned debt to increase only slightly over the next few years, while members equity lines rising dramatically.

Sales volume also increased during the fiscal year well beyond the $1 billion dollar level. Dividends from both Dairymen and the Flav-O-Rich subsidiary totalled $16.5 million, with 20 percent of that paid out to members in cash.

A handful of members quizzed staff and board representatives on what one heatedly called "poor milkchecks," while others requested some speculation on future milk prices to help them plan cash flow projections for borrowers.

Both manager Strock, and corporate chief executive Ben Morgan, Jr., laid recent milk check deductions on start-up costs of Dairymen's UHT plant located in Savannah, Georgia.

"We don't pay out money you don't have," was Morgan's assessment of the member deduction to invest in the sterile milk production facilities. While a budget of $2.5 million had been planned for the plant, costs overran by about $100,000.

Morgan compared the plant investment to a cow purchase, with a return to be seen, not immediately, but over a period of time. He further warned members that they must consider their future sales in the marketplace, not in selling butter and powder for government inventories. During the fiscal year, only 2.5 percent of the total Dairymen market was sold to the government.

Unusual expesnes also came in the form of a lengthy legal battle in which the cooperative had to defend their right to take milk from producer to processing plants and directly on to consumers.

"Influence doesn't come cheap," was Morgan's summation of the costly court battle to successfully defend their marketing independence.

Two additional ventures in partnership with other marketers were reported by corporate property committeeman Carl Allison.

In Florence, South Carolina, a former Sealtest plant has been acquired in cooperation with Coble Dairy, with both sharing the facilities for production.

In a similar sharing of facilities at Roanoke, Virginia, Dairymen share former Sealtest production facilities for their Flav-O-Rich products with the Valley of Virginia cooperative, which produces the Shenandoah Pride line of products. That equipment sharing venture will soon become a marriage of labels, to be marketed under the product name "Valley Rich."

Six directors were ratified during the business session for three-year terms, two of the

(Turn to Page A20)

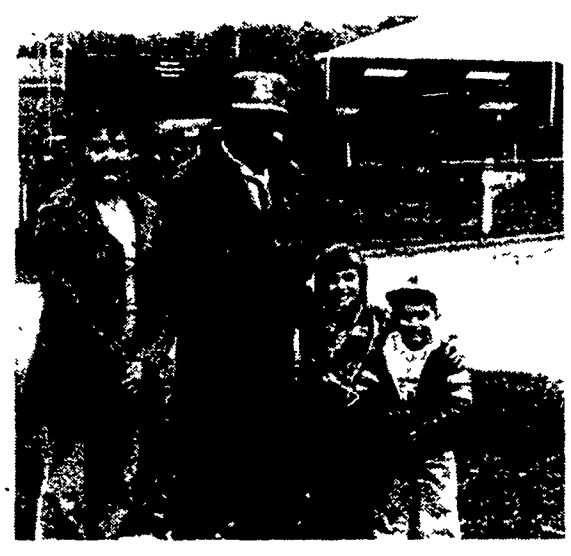
Dairymen chief executive officer Ben Morgan, Jr., right, and division head Fred Butler compare notes in a brief break between the annual meeting business session and luncheon.

Even after the Dairymen business session had adjourned, members had a few more questions. Chatting with producers was general manager Ralph Strock.

LIQUID MANURE HANDLING FIELD DAY

THURSDAY, NOVEMBER 11, 1982

DEMONSTRATIONS FROM 10:00 A.M. - 3:00 P.M.
at the
LARRY G. SHUEY FAMILY FARM
Annville, PA



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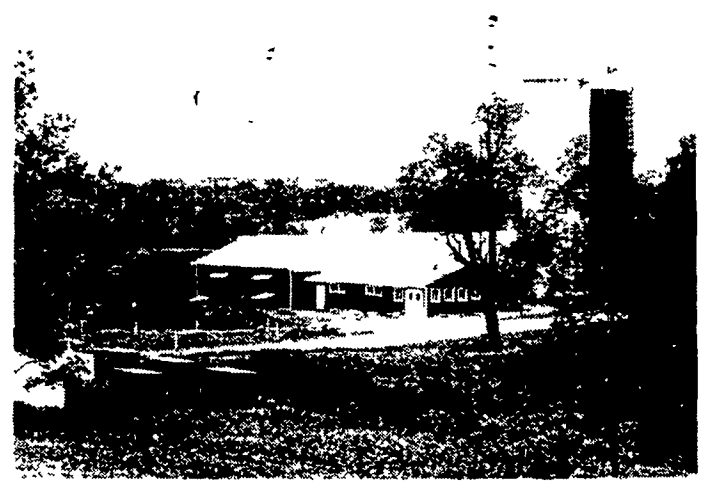
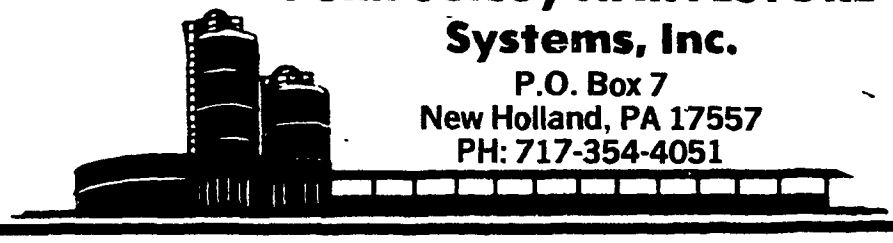


Directions To Farm
Route #72 north from Lebanon to Route #22... West on Route #22 to Reed Road... Right on Reed Road... Farm on Right.

DEMONSTRATIONS

SPECIAL DISCOUNTS

REFRESHMENTS



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Dairymen Inc. honor empl

In attendance at the Dairymen meeting to accept their awards of quality excellence were representatives of five member families. From left are M.D. and Nance Kefauver, Paul and Esther Lambert, Robert and Norma Grove, J. Howard and Patricia Stiles and Kevin and Claude Cooper.

TIMONIUM, Md. — Retiring employees and directors, and shippers of high quality milk, were among those honored during the annual meeting of the Middle Atlantic division of Dairymen, Inc., meeting last Saturday at the Hunt Valley Inn.

Herbert W. Wessel, Jr., and John Kilby received plaques of thanks upon their retirement from the board of directors.

Wessel, a 20-year member of the board, headed the cooperative for a dozen years as president, while the organization was still Maryland Cooperative Milk Producers. He and his wife, Mary, received an additional award for his years as president and vice president and a standing ovation during the luncheon program. The Wessels operate Fairmount Farms near Hampstead.

Kilby retired with six years of service to the board, and his sons maintain t at Colora.

Two emp cooperative commemor the organi retire fro division, w supervisor earlier this

Recognit continuous bership w farms. Pla

Retiring from the Dairymen division board after six years of service was John Kilby, who received an award of appreciation from president Fred Butler, right.

Retir Herbert contrib the pres

D.I. reports

(Continued from Page A19)

directors newly-elected representatives.

Harold H. Martin will fill the District 6 seat vacated by retiring John Kilby, while Gary Brauning replaces retiring Herbert Wessel from District 3. Other re-elected directors ratified for additional terms were Charles T. Edwards of District 1, Donald E. Cole for District 2, Emory Kilgore, District 7, and Fred Butler, District 10.

At a brief board reorganizational meeting that followed the adjournment of the annual meeting and luncheon, Fred Butler was re-elected to another term as president, and Samuel Foard, Street, returned to the office of vice president.

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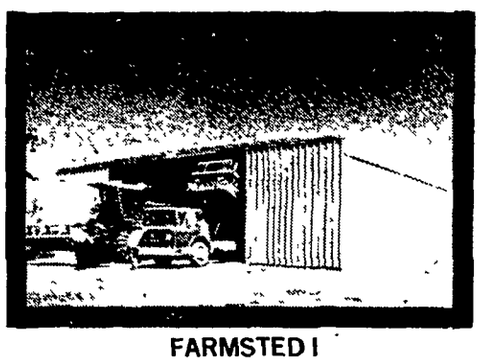

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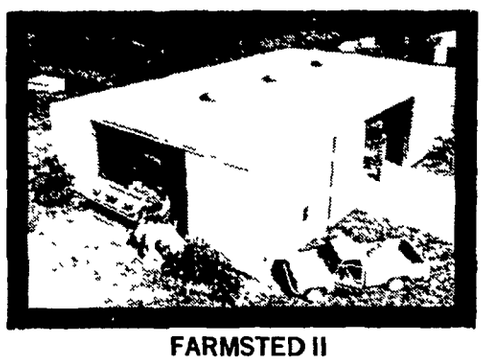

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Two employees retiring from the cooperative received plaques commemorating their service to the organization. Ray Hoff will retire from the field service division, while former laboratory supervisor Robert Stout retired earlier this year.

Recognition for 50-years of continuous cooperative membership went to three shipper farms. Plaques acknowledged the "goodwill, cooperation and service to the cooperative" by Lloyd and Marlene Brandenburg Robert G. and Martha E. Howard, and the partnership of Joseting and Kaylor.

Awards of excellence in milk quality went to 14 member farms meeting stringent requirements over the year, plus scoring near-perfect field inspection scores, averaging 99 out of a possible 100 by both public health and cooperative inspectors.

Retiring board member and former MCMP president Herbert Wessel, Jr., left, received plaques honoring his contributions to the cooperative. President Fred Butler made the presentations.

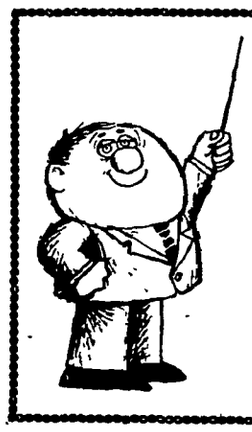
Honored for fifty years of continuous membership in the cooperative were, left, Robert and Marsha Howard, of Upperco, Maryland, and Lloyd and Marlene Brandenburg of Mt. Airy.

Excellence winners were: H. Howard and E. Geneva Barkdoll, Robert and Mary Berg, Claude and Kevin Cooper, William and Frances Forbes, J.H. Garst, Robert and Norma Grove, and Harry and Margaret Hubble.

Also, Erma and M.D. Kefauver, Jr., Paul and Esther Lambert, Richard and Betty Moser, Robert and Mary Ellen Smith, W. Kenneth Smith, Norman and Mary Stauffer, and J. Howard and Patricia Stiles.

About 90 members received gold quality production awards, and more than 50 earned silver quality certificates.

Silver award requirements include low monthly bacteria and somatic cell counts, no rejections for off-odors or positive antibiotic tests, unsatisfactory sediments, inspections or suspensions, and inspection average must be 92 or higher for the year. Gold award winners additionally must keep all bacterial counts under 10,000.—J.B.



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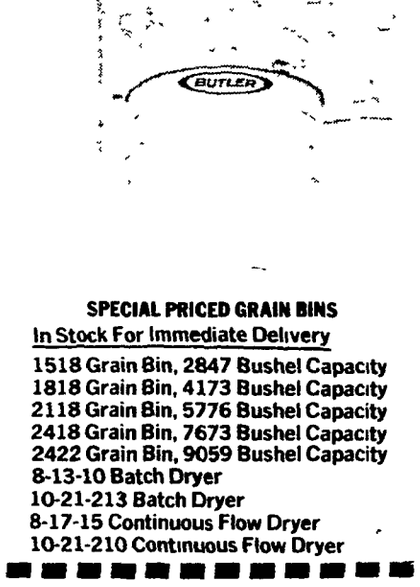

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Ayrshires sell next month

After years of tears, Campbell bids beloved herd farewell

BY DONNA TOMMELLEO

NARVON — He could take no more. And finally, one day this past September, Bob Campbell stood in his barn and cried.

He cried because of pain. He cried because of frustration.

But most of all, he cried because good-byes hurt.

For almost half his life, the 30-year-old Narvon man battled pain in both feet. The muscles in his arches constantly pulled at their joint attachments, causing a severe arch and persistant pain.

Last winter, Campbell underwent surgery and spent the early part of 1982 in convalescence. But when he resumed working again on his registered Ayrshire farm, the pain, like chickweed, was back.

And so on that September day, two months ago, Campbell decided that fighting the pain had robbed enough precious time from his herd. He had to get out.

"I believe that a job is worth doing well or not at all," he says.

On Dec. 6, at noon, Campbell will disperse his Penn-Bell herd, a herd that grew from a young boy's dream into one of the top Ayrshire herds in the state.

Bob grew up in Blue Ball, Lancaster County. Not a sprawling metropolis by any means, yet Bob and his mother Jean felt just enough urban pressure to move their menagerie of sheep, horses, dogs, cats and fowl to the neighboring Narvon countryside.

Campbell's mother was an active horsewoman and for years traveled the show circuit with her prize Palominos. With the exception of the Campbells' two draft horses that Bob occasionally rode, the youngster did not share his mother's equine interest.

"I was always getting dragged to horse shows," Bob recalls. "Mom would tell me, 'We'll soon go after the next class.' "

When he wasn't spending his Sundays at horse show ringsides, Bob looked forward to afternoons on his grandfather's dairy farm.

"Grandfather always had a dairy farm somewhere," Campbell says. In addition, Bob's grandfather John S. Ewell owned a trucking company.

Woodside Stock Farm, near Landisville, was one such dairy farm on which Bob spent a great deal of time with Ewell's Guernsey herd.

In his junior year of high school, the Garden Spot FFA member kept a pair of Charolais steers and a few sheep for projects. A neighbor asked Bob to tend some dairy heifers and repaid him with a Jersey heifer.

A few purchases later, Bob increased his herd to six. The stable included no stanchions and Bob tied the animals along the feeding trough.

"I pulled a vacuum pump behind me in an express wagon to milk," Campbell remembers.

He also remembers a hot July day when he decided to take a break and travel to the mountains for a short vacation. Fortunately before he left, Campbell instructed the hired milker to pasture the cows at night.

Driving northward, Bob traveled through a spectacular thunderstorm, the kind that illuminates the summer sky with its oh so dangerous lightening.

That night, lightening struck the cow stable and Bob returned to a smoldering foundation. The animals were spared, but the young man's tears that fell could not replace the hard work he had put into his growing operation.

Yet his desire to dairy could not be snuffed. He shook it off when a supporting relative advised, "If you have enough money to dairy, you're better off putting it in a bank and live off the interest."

His grandad stepped in and offered to build Bob another barn but predicted dairying was just a phase and that eventually Bob would tire of it and quit.

He was wrong.

Bob rattles off the herd's expansion with the tempo of well-studied multiplication table.

"Six cows led to 12 which led to 20 which led to 32 which led to 37. We're selling 70 head on December 6," he reports.

"But how do you sell a herd of Ayrshires you have lived and breathed for and is your dream come true? It's not easy, many tears," he explains.

How do you sell cows like Penn-Bell Caesars Rose. The red, milky Ayrshire turned out a 16,000-plus milk record as a first calf heifer and repeated it as a 3-year-old.

"She has to milk. She does it every time," Bob says.

And how do you sell other hallmarks of the Penn-Bell herd, such as Delchester Count's Rosina who has put more than 18,000 pounds of milk through the pipelines.

In all, the Penn-Bell sale catalog will feature a herd that has been among Pennsylvania's top 10 for the breed since 1977 and currently maintains a rolling herd average of 14,200 pounds of milk and 570 pounds of fat. A celebrity line-up of breed sires is represented in the wet herd, such as Hi Kick, Gallant Man, King Vue and Meredith Henry to name a few.

Bob's fondness for the Scottish breed of dairy cattle is evident, in fact, it borders on passion.

"The day of the wild Ayrshire is gone," he says. "The colored breeds, as a whole, have progressed genetically."

The young man keeps a chalkboard in his barn with a message that probably best describes his zealous philosophy.

It reads: "Happy is the man who has a small, high testing and low feed cost cow. He either has Jerseys or has bred his Ayrshire right."

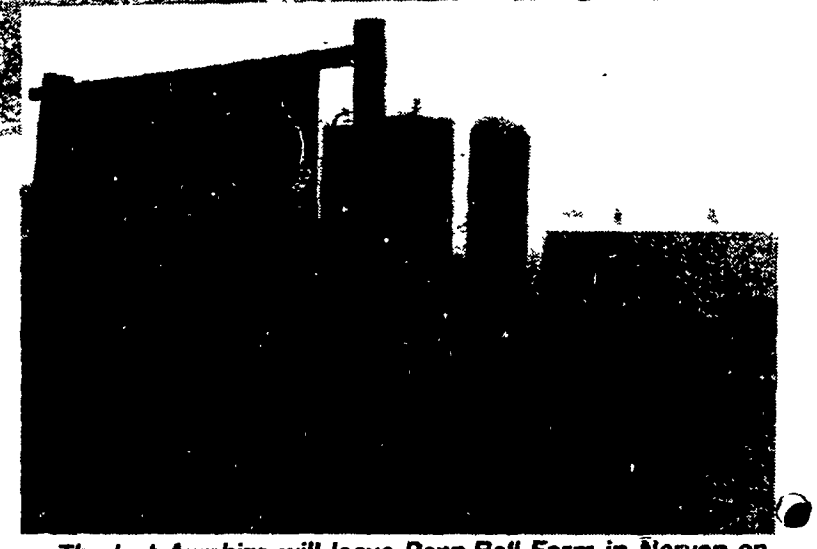
But production records aside, how do you say good-bye to friends like "Dot." The big bovine took a personal liking to Bob and is usually at his side when he walks through the pastures or lot, constantly nudging for more affection.

A true friend, however, can't stand by and watch another get less than they deserve, hence Bob's decision. His hospital stays and recovery period saw a dip in the herd average.

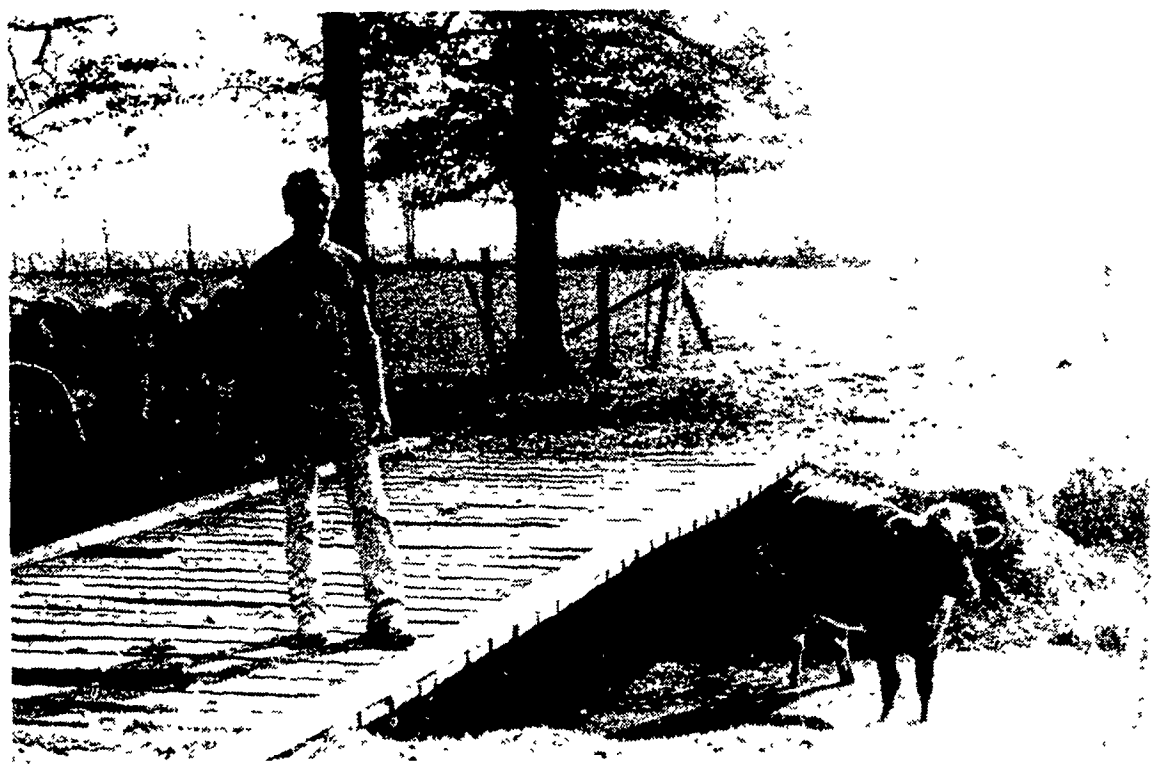
When he was working actively on the farm, Bob fed the herd three times daily. The ration included

(Turn to Page A23)

"Happy is the man who has a small, high testing and low feed cost cow. He either has Jerseys or has bred his Ayrshire right."



The last Ayrshire will leave Penn-Bell Farm in Narvon on Dec. 6 at Bob Campell's dispersal sale. Although Campbell and his mother Jean will remain on the farm with their menagerie of cats, dogs, geese, turkeys, a horse, a racoon, and other barnyard fowl, they have leased the dairy facilities to a young couple who will phase the farm from red and white to black and white.



Because of health problems, Bob Cambpell must say goodbye to the life which has been good to him for almost half of his 30 years. However, the young man admits he won't burn his bridges behind him and may someday return to dairy life.

Clowning with "Dot," one of Bob's favorite four-legged friends, is an everyday occurence for the animal-loving Ayrshire breeder. The 6-year-old Ayrshire has contributed to the Penn-Bell herd's wet average of 14,200 pounds of milk and 570 pounds of fat. The herd has remained one of the top 10 of the breed in Pennsylvania since 1977.

K & K Feed, Inc. holds dairy meetings

STOUCHSBURG—K&K Feeds, Inc. of Richland hosted its annual two-day dairy meeting last week. More than 100 area dairy farmers turned out for the yearly update on feeding practices in the dairy business.

Purina's District Sales Manager Ray Carter spoke to the dairy families on the advantages of split-cart feeding, a practice that allows individual feeding of protein and grain to dairy cows based on their production during lactation.

According to Carter, the dairy farmers who already employ this feeding method have been able to save approximately $1 per cow per day on feed costs. Carter noted, however, that split cart feeding does have some special requirements, such as tie stall facilities for individual cow management or a similar barn arrangement, accurate measuring, and initially more time spent feeding. But he stressed, these factors were outweighed by the savings achieved by feeding only the protein and grain required for each cow.

Carter also announced a relatively new feed being used on more dairy farms throughout Pennsylvania — a cottonseed meal roughage extender. Carter pointed out that adding this type of feed to the ration allows farmers to cut back by 15 percent on the total roughage in the ration.

Mill owners Donald Krall and Clarence Kreider spoke to the dairy farmers on the need to follow a sound worming program and on the services provided to farmers by K&K Feeds, Inc.

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Campbell

(Continued from Page A22)

high moisture shell corn, a 32 percent protein supplement and haylage, plus alfalfa hay in the morning and evening. But the three-feeding regime dropped off while Bob spent time in the hospital and recovery. The Narvon breeder expresses gratefulness to the capable help provided by employees Evie Brubaker and Anita Neunschwander, who filled in during his convalescence.

Before his surgery last year, Bob sought the help of several physicians, one who suggested surgery while others advised arch supports.

"Two doctors said to leave it alone. They said it was an occupational hazard. And the thought of an operation suits me about as good as dying," Bob notes.

But as the pain worsened and the arch supports proved fruitless, Bob returned to the surgeon.

"He told me that I would get a lot of relief from the operation. But he also said that he couldn't make a silk purse from a sow's ear. And that's what I had," he recalls.

The surgeon removed cartilage from joints in the foot and replaced it with four-pronged staples, which Bob says will remain in until after the dispersal sale.

After a long winter of watching television, hobbling on crutches and just "being bored," says Bob, he went back to work last March.

But the relief never came.

After the Dec. 6 dispersal, Bob says he will travel to Florida for a couple weeks. He doesn't plan, however, to lose touch with the people in his breed association. Campbell will continue to serve as director of the Southeastern Ayrshire Club, in which he served as president for two years.

In fact, under the warming Florida sun, the young man from Narvon may even contemplate his eventual return to the industry.

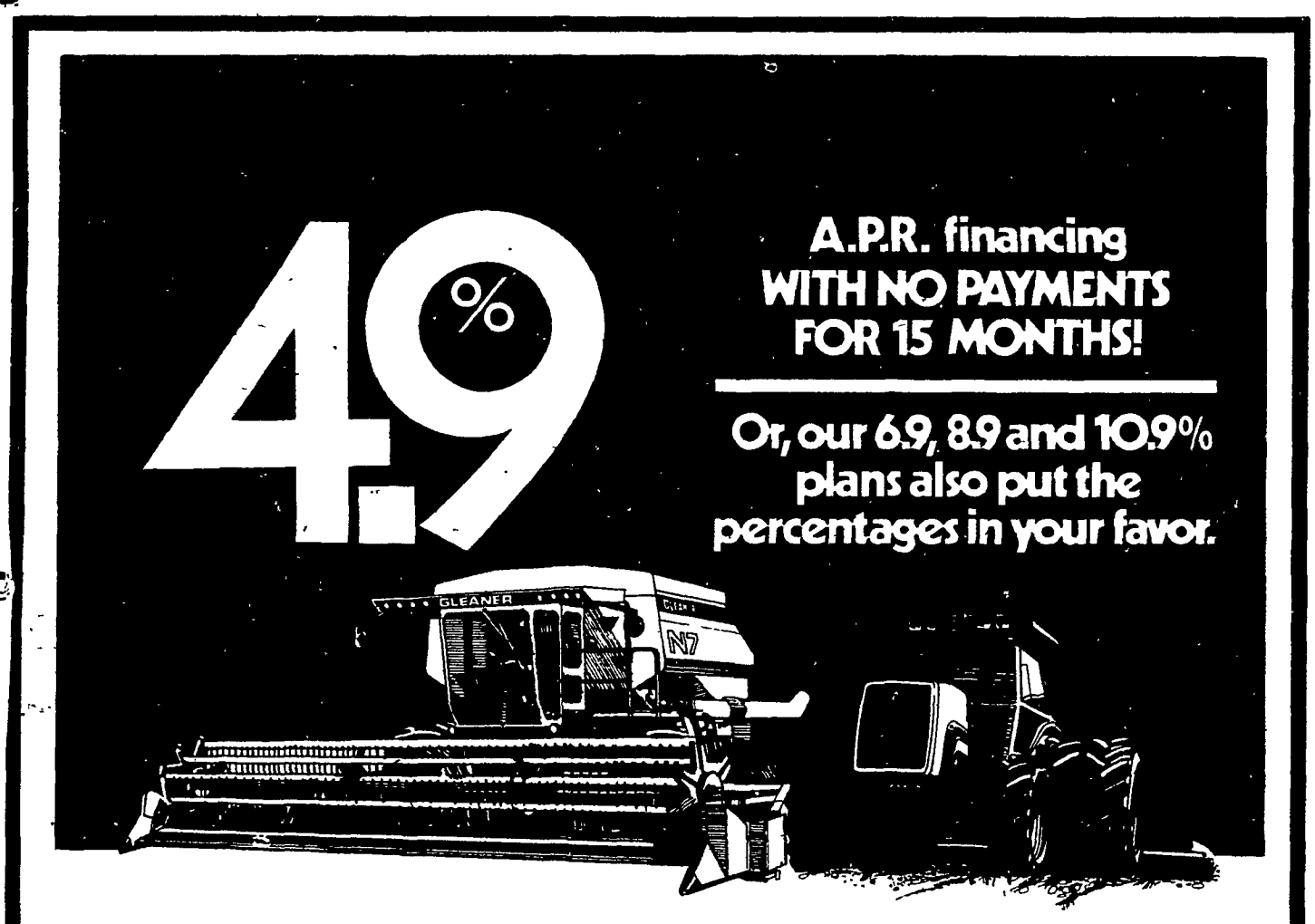
"I did my own combining, corn picking, grinding...I did everything. If I come back I'll hire custom work," he explains.

No one's predicting any miracles, but Bob will give his feet time for further healing. And if they do heal, look for Bob Campbell among a field of Ayshires with possibly a few Jerseys here and there.

But don't look under the Penn-Bell prefix. After Dec. 6, the name will be history. If Campbell returns, it will be under the moniker, Narvon Valley, he says.

The thought of a return produces a broad smile on the young man's face, a smile big enough to erase past tears and those not yet shed.

"They haven't heard the last of me yet."



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D.I. shippers get $97.85 on $100

TIMONIUM, Md. — Dairymen, Inc., paid back $97.85 to member-producers for every $100 the cooperative took in during the 1982 fiscal year ending Aug. 31, according to Ben F. Morgan, Jr. Mcrgan, keynote speaker for the Middle Atlantic division's annual meeting luncheon, is executive vice president and chief executive officer of the 8,000-plus member cooperative based in Louisville, Kentucky.

An ag economics graduate of Virginia Polytechnic Institute, Morgan's been in cooperative management since 1953 when he began managing Tri-State Milk Producers in Bristol, Virginia. When Dairymen formed in 1968 with the merger of several smaller cooperatives, Morgan was named director of fluid milk marketing and manager of the Southeast Division. In 1971, he rose to his present position.

In response to producer questions that had surfaced earlier during the morning business meeting, Morgan reiterated the cooperative's stand that current milkcheck deductions toward the Ultra High Temperature processing plant at Savannah, Georgia, are an investment in future marketing that members must make.

"We can't pay out every penny every day," Morgan emphasized. "We plan to see that you have a future—that means a financially strong institution."

Market research for the '80s shows milk will be sold as a beverage product, Morgan said. The UHT half-pint packed "Sip-Up" containers of white and flavored milk are aimed at the soft-drink-oriented snack market.

Earlier, Middle Atlantic members had been told that their "Farm-Best" UHT will debut in Washington-Baltimore area markets much sooner than projected, probably soon after the first of the new year.

Turning to the current economic crunch that has dairymen wedged between mounting surpluses and adding cows for cash flow, Morgan suggested a possible use for the 50-cent per hundredweight set to come off milk checks beginning Dec. 1.

The Dairmen officer suggested the estimated $600 million to be raised through the deduction be turned into a cull-cow incentive. Approximately 1.5 million cows culled from dairy would bring production more closely in tune with the nation's needs.

Dairymen initiated a similar program for their own members two years ago, spending about $1 million in cull cow incentive payments.

Blaming a lack of firm government policy for present farmer economic woes, Morgan added that the State and Defense departments are establishing agriculture trade policies, rather than agriculture heads. Needed instead are long term agriculture, land and market policies with farmer participation in the decision-making.

Land, said Morgan, is eroding at a rate faster than it was during the Depression years, mostly planted to produce grain that the nation doesn't even have room to store.

Dairy surpluses are tied to those huge grain inventories and loss of world customers through embargoes which in turn have kept the price of domestic livestock feeds low.

Chief executive officer of Dairymen, Ben F. Morgan, Jr., was keynote speaker at the division meeting luncheon. He told members that the country will be strong only as long as agriculture remains strong.

Dairymen's UHT milk, including the snack-size "Sip-Ups" with attached straw, will be introduced to the Baltimore-Washington market area soon after the new year.

HAVE A HAPPY NEXT CHRISTMAS

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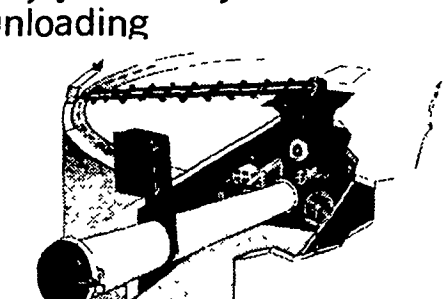

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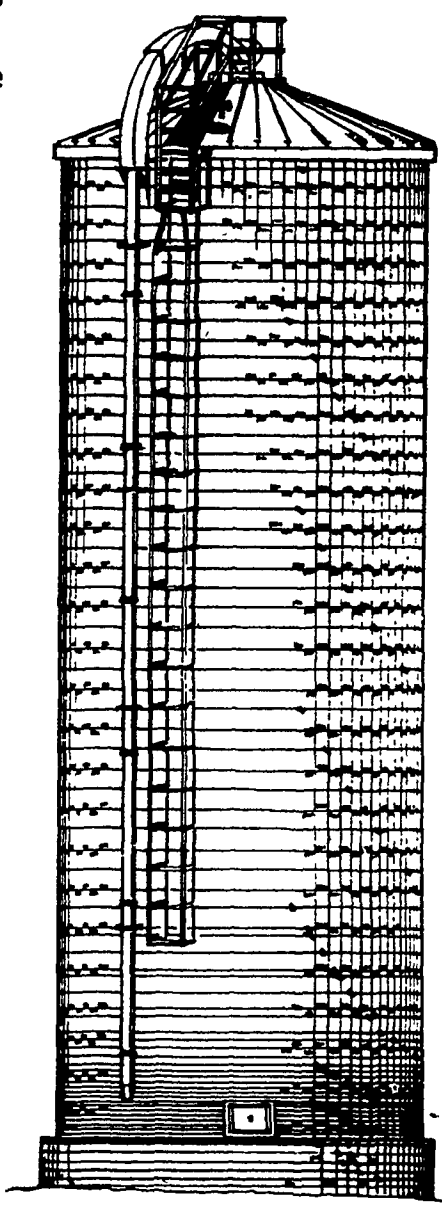

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Dairymen Inc. relays position on surplus

BY JOYCE BUPP
Staff Correspondent

BALTIMORE. Md. — Members of Dairymen Inc.'s Middle Atlantic Division returned home from their annual meeting Saturday to find a detailed letter explaining their cooperative's stand on two currently "hot" dairy issues.

The letter form Dairymen president Roy L. Strange, Moultrie, Georgia elaborated on two subjects of critical interest to the milk production industry, the current price support program, and proposals on the addition of milk solids to dairy products.

Strange's letter explaining the board of director's stand on these two issues acknowledged that production continues to increase rapidly, and that the government has purchased large amounts of storable dairy products under the price support program.

But because the support program, with the 50-cent proposed deduction set to begin Dec. 1, does not recognize regional production or use differences, and because it discourages marketing efforts and consumption, Dairymen's board instead supports a program that would meet four requirements.

Such an acceptable proposal would recognize and reconcile regional differences in milk production and use, and provide incentives to produce milk products for the commercial market.

Additionally, a program would have to reflect dangers that directly affect milk production, and provide for a realistic support level which will prevent drastic short term price fluctuations that are detrimental to both producers and consumers.

With various proposals being made in the industry concerning the addition of milk solids to fluid milk products to boost solid content, Dairmen's board has gone on record opposing modification of the standards for fluid milk at this time.

While acknowledging that the proposal is designed to help reduce government stocks of non-fat dry milk, Dairymen believes the prospect standards are subject to some questioning.

Among the reasons of Dairymen to question the addition of milk solids is that component pricing should accompany any increase in solids-non-fat standards, added solids would requiire changes in milk plants, and consumer research is needed to determine what solid level would be most acceptable for consumption. The effect of added solids in UHT milk, being pioneered on the domestic market by Dairymen, is not known.

The board further recommended that consumer preferences of milk solid levels be studied, and adequate time allowed if such a modification is made, for dairy industry plants to adjust to different standards.

Potash key to soybean "miracle"

COLUMBIA, Mo. — High protein crops like soybeans and alfalfa just love potasium.

And therein lies the possibility of a "miracle" for significantly boosting yields of both crops.

Dale Blevins, University of Missouri-Columbia agronomy researcher said crop that generate high protein yields—like soybeans and afalfa—remove more potassium from the soil than other crops because potassium from the soil than other crops because potassium is needed for every important step in protein synthesis.

Besides, protein "has some negative charges in its structure." The crop's tendency is to neutralixe that charge—something that potassium does quite well.

Blevins said the biggest impact from all this will be on soybean and alfalfa growers "who should be more aware than ever that they really need to watch potassium" in their crop fertilization programs.

His calculations have also shown that warm season grasses make more efficient use of potassium that cool season grasses. That's because warm season grasses have photosynthesis "compartmentalized in tight little packages," Blevins said.

"They are simply more efficient at photosynthesis, and this may be related to their efficient use of potassium.

"Knowing that, farmers could probably cut back on potash for warm season, grasses that need less of this element to perform well."

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*July 1982 USDA summary and latest available type summaries

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See Section D

USDA's Coughlin says full-speed ahead on 50c-assessment

WASHINGTON, D.C. — Although letters have been pouring into Ed Coughlin's office at the rate of 2,500 per day during a 45-day public comment period, the chief of the United States Department of Agriculture's Dairy Division predicted, Thursday, the revamped dairy price support program will become a reality next month.

"As far as I'm concerned, we're still full speed ahead on December first," Coughlin said

"The comment period is not for whether or not we will have the program. It's to provide comment on the content of the regulations," he explained. He added that any delay or halt of the program must be ordered by U.S. Agriculture Secretary John Block. The comment period ends on Monday, Nov. 8.

However, Coughlin estimated that just a half-dozen letters actually commented on the program's "nuts and bolts" or regulations.

The majority of comments was received in a form letter generated by the Associated Milk Producers, Inc., which opposed the 50-cent per hundredweight assessment, said Coughlin.

The letter urges Secretary Block to not collect the assessment but directs the USDA to "pursue the numerous and immediate opportunities, now available to sell Commodity Credit Corporation-owned dairy stocks for export."

The letter continues: "Just as lower prices failed to be the answer to the overproduction of wheat and feed grains, a reduction in the dairy farmer's cash-flow will likely force an increase in milk production.

"USDA's recently announced set-aside program for feed grains is a good example of constructive government involvement in agriculture. Likewise, lower milk production could be accomplished with the implementation of a program that provides dairy farmers with a positive incentive to reduce their milk production."

Other petitions, such as one drafted and submitted by the National Farmers Union, asks the Reagan administration for an indefinite postponement of the assessment so that Congress can have time to draft a workable supply-management dairy program that will cut back on the growing surplus without driving thousands of U.S. dairy farmers out of business.

Locally, Pennsylvania Governor Dick Thornburgh, on behalf of the state's industry, also requested a delay of the program "to allow the industry time to develop a reasonable alternative." — DT

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JOHN DEERE
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Block announces first blended credit sale

WASHINGTON, D.C. — Secretary of Agriculture John R. Block has announced approval of the first credit package under the new blended credit program to expand exports of U.S. agricultural products.

He said the credit, offered for the sale by U.S. exporters of 1.1 million metric tons of wheat to Morocco, will result in U.S. wheat exports that would not normally have been made, based on USDA analysis of market prospects for marketing year 1982/83.

Proposals for blended credit packages from several more countries are under consideration, with more approvals expected to be announced next week, he said. Under the program, interest-free direct government export credits are blended with government-guaranteed private credits to produce a lower interest rate.

"This new credit is opening up untapped demand and that was the purpose of the program — to generate additional demand for U.S. agricultural exports," he said.

Block said $28 million in direct credit and $112 million in credit guarantees were approved for Morocco for the purchase of the wheat.

He said this will boost Morocco's imports of U.S. wheat from the 600,000 tons projected earlier to 1.7 million tons — out of total Moroccan wheat imports of 1.8 million tons.

"We're very pleased with the quick results of our blended credit program," Block said. "This bears out our belief that there is additional demand in many countries that can be met with favorable financing.

"We have had a very positive response," he said. "Interest in the program has been widespread."

The program, authorizing $1.5 billion in blended credit to be spread over three years, was announced Oct. 20. The first $500 million was made available for fiscal 1983.

The reduced interest rate will be achieved by blending $100 million of interest-free direct government credits, using Commodity Credit Corporation GSM-5 direct credit authority, with about $400 million of the GSM-102 program, which guarantees loans made by commercial institutions.

Income tax workshop is conducted by B. Wayne Kelly, left, and Jesse G. Cooper, of the Penn State Extension Farm Management staff, at the Lancaster Farm and Home Center.

Extension holds tax workshop

LANCASTER — Penn State Extension held a three-day Income Tax Workshop at the Lancaster Farm and Home Center this week.

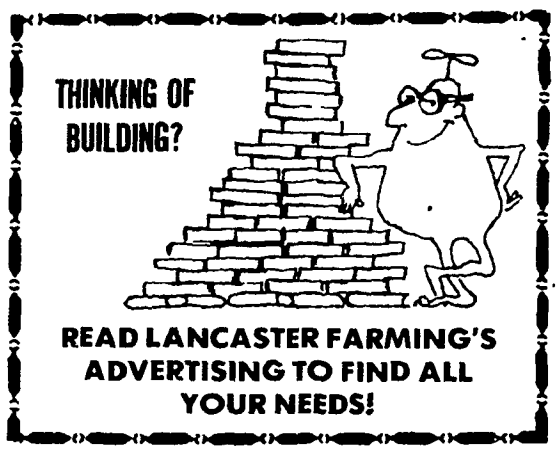
The workshop, Tuesday through Thursday, was conducted by B. Wayne Kelly, professor of Farm Management Extension, and Jesse G. Cooper, assistant professor of Farm Management Extension.

"The basic thrust of the workshop is tax preparation, not only for agricultural operations, but other businesses, too," Cooper explained.

"It all starts with keeping good business records. We stress tax management as it applies to all types of business operations.

Tax management must be a year-round effort and not something that comes up once a yaear just before the filing deadline."

Nearly 50 people enrolled for the Lancaster course, including representatives from York, Cumberland, Dauphin, Bucks and Lancaster counties.



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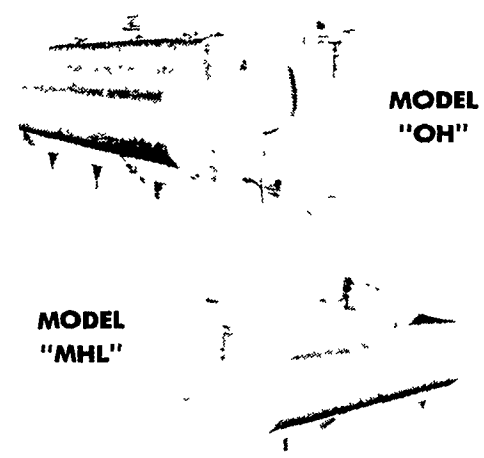

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Beef cattle merchandising panel stresses planning

OMAHA, Neb. — Four highly respected authorities in purebred cattle merchandising placed heavy emphasis on the importance of effective planning during the Educational Forum held in conjunction with the Bright Lites sale by the North Central Simmental Association recently in Omaha.

John B. Collier, IV, Stephenville, Texas, president of the American Simmental Association; Wyman Poe, manager of the Bates Limousin Ranch of Oklahoma; Colville Jackson of Kintyre Farms, Gloster, Mississippi; and Roy Wallace, beef manager of Select Sires, Huxley, Ohio, comprised the list of speakers.

"It's extremely important for a purebred breeder to develop an organized and goal-oriented marketing approach," Collier said. "A breeder must provide a quality product, and must develop a reputable image, both of which will have a great influence on the success of his production sale."

Collier also pointed to a number of other factors which may have an impact on the sale: "You must select a sale date that eliminates as many conflicts as possible. Likewise, your decision on sale management, selection of an auctioneer, and location of the sale are very important." Collier stressed the importance of having well-prepared facilities and cattle, and in follow-up after the sale.

Poe discussed merchandising of heifers and steers to youths in 4-H and FFA. "Once you sell an animal to a youngster, it is very important that you provide assistance and consultation when needed. This is a market that also requires cultivation and development. The purebred breeder must be prepared to make some of his top cattle available."

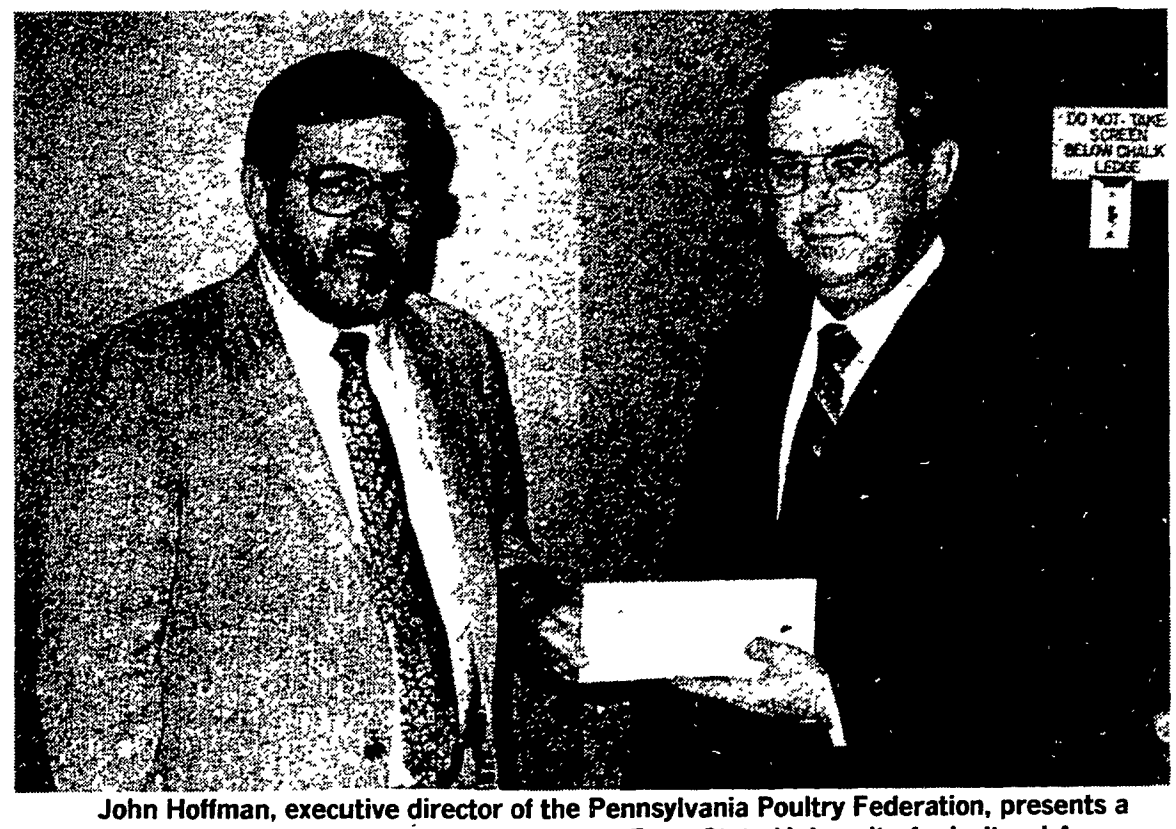
Jackson, himself a former president of the American Simmental Association; discussed selling purebred cattle; and utilization of on-the-farm transplant programs. He pointed to three marketing opportunities: "One is to sell directly to other purebred breeders; the second is to sell to a combination of purebred and commercial breeders; and the third is to sell exclusively to commercial producers."

"If a purebred producer elects to use embryo transfer, it is vital that he identifies top females and utilizes them in the program," Jackson said.

Wallace emphasized the role of genetics in providing a better product for customers. "Next to fertility, growth rate is one of the more important genetic traits," he said. "And great progress can be made in utilizing maternal traits in the improvement of daughter's calving ease and productivity."

All four speakers were unanimous in emphasizing the value of offering a quality product to the prospective buyer. More than 125 cattlemen, representing a number of breeds, were in attendance.

Poultry Federation gives to Ag Arena



John Hoffman, executive director of the Pennsylvania Poultry Federation, presents a $1,000 check for the construction of the new Penn State University Agricultural Arena to Samuel Smith, dean of the College of Agriculture at Penn State, right. This is the third year the Pennsylvania Poultry Federation has contributed one thousand dollars. The Federation now qualifies as an Affiliate Contributor having reached the three thousand dollar level.

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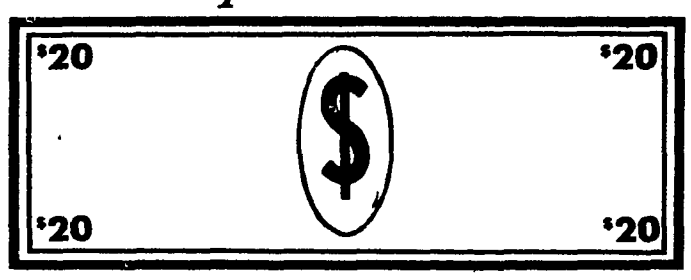

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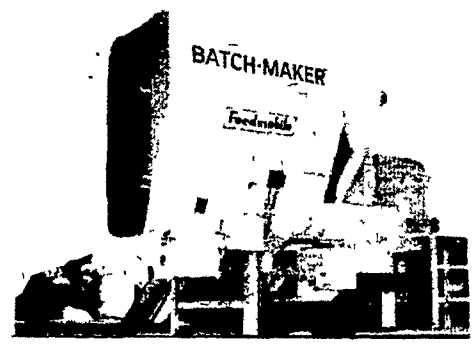

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At the annual dairy banquet

4-H'ers honor top 'cheeses' in dairy projects

BY DEBBIE KOONTZ

LANCASTER — Four-H'ers from throughout the county who sported a dairy project this past season officially ended another productive year of round-ups and competitions by honoring their own, Thursday night, at the Good 'N Plenty Restaurant, here.

It was a night of new faces and new awards as Jeff Hess, president of the Holstein Club, officiated over the ceremonies honoring more than 40 individuals.

This year the banquet was dedicated to the late Jesse Balmer, Lititz dairy farmer and 4-H dairy leader for 16 years with the Golden Guernsey Dairy Club, who died this past fall. In memorium, Peter Witmer of Willow Street, co-leader of the Guernsey Club, presented Mrs. Balmer a bouquet of a dozen red roses.

A special trophy was donated this year by Balmer's family to Mary Ann Witmer of Willow Street for Best Owner-Bred Female in the Guernsey breed.

Another such trophy, presented in memory of H. LeRoy Welk Jr. of Peach Bottom, former 4-H dairy leader, was awarded to Sheila Frey of Willow Street for Best Owner-Bred Female in the Holstein breed. These two trophies will be rotating awards for five years, and then will be retired for display.

Max Brommer of Conestoga earned the Best Owner-Bred Female award in the Ayrshire breed, while Helen Arrowsmith of Peach Bottom left the ceremonies with the Jersey trophy.

Jeff Shenk, Lititz, was named top individual in the county on the dairy judging team and was honored accordingly. His team members, also on hand for recognition, were Gerald Garber, Willow Street; David Kulp, Manheim; and Mark Welk, Peach Bottom. The judging team earned third place in state competition.

For earning fourth place at Penn State's 4-H days this summer, dairy bowl team members, David Stoner, Landisville; Ed Good, Landisville; David Landis, Lancaster; and Joe Rohrer, Lancaster, each received an award.

Overall junior champion awards in each breed were given to Earl Eshleman, Elizabethtown, in the Ayrshire breed; Gerald Garber, Willow Street, in the Guernsey breed; Thomas McCauley, Elizabethtown, for his Holstein work; and Matthew Arrowsmith, Peach Bottom, for his Jersey projects.

Grand Champion trophies in all five breeds were awarded to winners Anita Brommer, Conestoga, Ayrshire; Earl Eshleman, Elizabethtown, Brown Swiss; Gerald Garber, Willow Street, Guernsey; Mark Welk, Peach Bottom, Holstein; and Helen Arrowsmith, Peach Bottom, Jersey.

For excellent showmanship and ringside manners, three 4-H'ers were honored, dubbed 'Champion Showmen.' They were Randy Fox, Ephrata, for excellent work in his first year of showing; Thomas Barley, Conestoga, for the junior division; and Gerald Garber, Willow Street, for the senior age.

Because second place is often just a very small step from first, the Reserve Champion Showmen were honored too. They were Mark Shertzer, Columbia, for his first year; Thomas McCauley, Elizabethtown, in the junior

(Turn to Page A32)

Winners of project awards at Thursday night's annual dairy banquet, as awarded in individual clubs for their blue books and project work, were, front row from left, Stephanie Stoltzufs, Kinzer; Scott Hess, Conestoga; Anthony Spickler, Mount Joy; Helen Arrowsmith, Peach Bottom; second row, Susan Hess, Quarryville; Anita Brommer, Conestoga; Marilyn Landis, Manheim; Karen Shertzer, Lancaster; back row, Jere Shertzer, Lancaster; Danny Welk, Strasburg; Brent Brubaker, Rheems; and Gerald Garber, Willow Street.

Jeff Shenk of Lititz, front right, was honored for his exceptional work with the county judging team, Thursday night, being named top individual in the county. Shenk also placed third at state competition and second high in the Jersey breed at Wisconsin. With him, and also honored for their work, are Mark Welk, Peach Bottom, front left; Gerald Garber, Willow Street, and David Kulp, Manheim, in the back row.

The Lancaster Dairy Bowl team placed fourth at Penn State's 4-H days this summer. Honored at the annual dairy banquet for their work were members David Landis, Lancaster, and Joe Rohrer, Lancaster, front row; Ed Good, Landisville, and David Stoner, Landisville, back row.

At Thursday night's banquet, Mary Ann Witmer of Willow Street, left, and Sheila Frey of Willow Street, right, were awarded special trophies in memorium by the families of Jesse G. Balmer and H. Leroy Welk Jr. respectively, both former 4-H leaders. The trophies are Best Owner-Bred Female awards and will be rotating among recipients for five years, after which they will be put on display. Frey, receiving the honor for the Holstein breed, and Witmer for the Guernsey breed, were joined by Max Brommer of Conestoga, back left, and Helen Arrowsmith of Peach Bottom who were recognized in the same division for the Ayrshire and Jersey breeds, respectively.

Aerial spraying

(Continued from Page A1)

become the focus of public concern, such as the Fayette County incident.

But rather than having an enraged urban protest group deciding on whether or not herbicide spraying is safe, Cole said "rural people and farmers should have the right to decide where management of right-of-way goes."

Cole urged farm organizations, like Pennsylvania Farmers' Association, Grange, and Farmers' Union, to bring this problem before its membership. He asked farmers to be "articulate" in their defense of pesticide use. He warned that using chemicals in agriculture and elsewhere is an "emotional issue, next to nuclear radiation as an issue in the public's minds.

The Pennsylvania Department of Agriculture's Gerard J. Florentine, pest control official, stressed that his job in regulating the sales, distribution, and use of pesticides could be boiled down to the following philosophy — making sure all pesticides are "used in a manner consistent with their label." Interpreting this law, however, can be hazy, he admitted, due to the uniqueness of each situation — the type of terrain, the type of weed being controlled.

Other representatives of DOW Chemical, Union Carbide, and Noxious Vegetation Control, Inc. reported on the safety of chemical herbicides used in spraying utility rights-of-way and the safe manner in which they are applied, with little drift.

Walter F. Grobert, area manager of NOVCO, commented that in the 18 years he has been involved in herbicide spraying, he has never had a controversy like West Penn Power had last year.

When asked if the herbicide his company uses in spraying utility lines would affect agricultural crops, Grobert said picloram is a broadleaf weed killer and therefore would harm potatoes, tomatoes, alfalfa, tobacco and grapes. However, he said aerial applicators "stay away from these areas."

Participating in the informational program were representatives of the State Grange and PFA. Last week the State Grange voted to petition PDA to reactivate its Pesticide Advisory Board to develop and enforce standards for aerial spraying of herbicides for utility rights-of-way, a result of their involvement with the citizens and utility representatives in Fayette County.

"Careless aerial application of herbicides can result in contamination of crop and pasturelands, animal and human water sources, and marketable crops and ornamental plants both within and outside utility rights-of-way," was the policy statement adopted by the Grange.

State Grange Master Charles Wismer said, "It is urgent that we develop regulations dealing with careless use of herbicides to prevent a public outcry which could result in restriction of private and agricultural use of herbicides."

The Grange policy also stated that landowners should be allowed to elect to clear their own land with reimbursement from utilities at a rate equal to the cost of aerial spraying that land; the property owner would exempt the utility from liability.

Fertilizers pose less peril to ozone layer

WASHINGTON, D.C. – Earth's ozone layer, which screens out certain sun rays causing skin cancer, is in far less danger from farm fertilizers than had been believed, scientists at the U.S. Department of Agriculture announced.

For years, some scientists had estimated that 30 percent of the nitrogen fertilizers farmers put on crops escape into the air as nitrous oxide and damage the ozone layer about 20 miles above the surface. In the stratosphere, nitrous oxide breaks down to nitric acid which can react with ozone.

Now, five years of research show that less than two percent of nitrogen fertilizers applied to crops escapes from the fields as nitrous oxide, said research chemist Arvin R. Mosier and soil scientist Gordon L. Hutchinson of USDA's Agricultural Research Service.

They said the earlier high estimates were based on inadequate data.

These new findings come as good news because of fears that the increased use of nitrogen fertilizers during the past few decades and projected increases in the future would pose a serious threat to the ozone layer.

This layer filters out much of the sun's harmful ultraviolet radiation which, in excess, can increase the incidence of skin cancer.

Mosier and Hutchinson found that nitrous oxide emissions varied depending on such factors as kind of fertilizer, soil type, temperature and amount of water present. These factors interact to produce varying amounts of nitrous oxide, but emissions the scientists measured were always between 0.4 and 1.5 percent of the nitrogen fertilizer applied.

At Fort Collins, Colo., Mosier and Hutchinson measured emissions from corn, barley, alfalfa and sugarbeet fields after they had applied 50, 100 or 200 pounds of nitrogen fertilizer per acre.

For comparison, the researchers measured the amount of nitrous oxide coming off virgin, native shortgrass rangelands.

"Our research showed that croplands produce more nitrous oxide than a similar area of native rangeland; but since only one-tenth of the Earth's land surface is cultivated, the total contribution from uncultivated lands probably [illegible] that from croplands," said Hutchinson.

"Given the fact that native rangelands probably have contributed the same amount of nitrous oxide for many millions of years, we probably are justified in lessening our concern about the ozone layer," said Mosier.

It had been thought for many years that native grasslands and forests contributed little if any, nitrous oxide to the atmosphere because they were not fertilized. The nitrogen sources for plant and tree growth in such ecosystems is from dissolved ammonia in rain and snow, nitrate adhering to dust particles, dinitrogen fixation, or nitrogen released from soil organic matter.

USDA scientists have calculated that about 10 percent of the nitrogen that accumulates from precipitation or dust on shortgrass rangelands is lost back to the atmosphere as nitrous oxide, mainly through the activity of soil-borne [illegible]

Other scientists have now begun to report similar emissions from several cropped and native mineral soils throughout the United States and Canada. Their research also shows that native forested areas produce about the same level of nitrous oxide as native rangelands.

Larger amounts of nitrous oxide emissions have been found only in organic soils and vegetables crops that are heavily fertilized and irrigated. These atypical sites represent only a small fraction of the world's cultivated land area.

To collect meaningful data, Mosier and Hutchinson had to develop new techniques. One involved the development of a reliable soil cover to collect gases. This technique is inexpensive, quick and simple to use, portable, adaptable to a wide variety of field situations and avoids many of the pitfalls of other collecting designs.

The cover looks much like an upside-down water pail with a hole to equalize air pressure inside and outside the cover. This design allows more accurate measurements of the rate at which gases accumulate under the cover.

Many previous studies of gaseous movement in and out of soils have been based on soil covers that fail to account for errors caused by the covers themselves affectiong air pressure.

Mosier and Hutchinson, along with research ecologist William J. Parton and range science professor Robert G. Woodmansee, Colorado State University, are continuing these studies to include grazed pasture lands.

INTER-STATE'S 65th ANNUAL DELEGATE MEETING

INTER-STATE MILK PRODUCERS COOPERATIVE

November 11 and 12, 1982

HOST FARM RESORT

Lincoln Highway East, Lancaster, Pa.

Thursday, November 11

9:45 A.M.
Opening Session & President's Report

1:30 P.M.
General Manager Report Followed By Remarks By Edward Coughlin, Dir. of Dairy Division, USDA

6:00 P.M.
Banquet And Keynote Address By Dr. Anthony Campolo, Chrm. of Sociology & Youth Ministries, Eastern College, St. Davids, Pa.

Friday, November 12

7:00 A.M.
Young Cooperator Breakfast
Speaker: Alpha Trivette, Dir. of Member Relations, Kentucky Rural Electric Cooperatives

9:00 A.M.
Delegate Resolution Session
Remarks By Paul E. Hand, New Gen. Mgr.

9:00 A.M.
Women's Session Featuring Panel Discussion

ALL MEMBERS ARE URGED TO ATTEND!

Grain program sign up slow

HARRISBURG — Pennsylvania signups in the federal feed grain and wheat programs have not been overwhelming since they were opened last month. "We would like to be further ahead than we are compared to national figures," reports Agricultural Stabilization and Conservation Service spokesman Al Fleming.

As of Oct. 22, the acreage base signed up for each grain by Pennsylvania farmers is as follows: wheat, 4,495 acres or 2.4 percent; corn, 24,023 acres or 2 percent; grain sorghum, 166 acres or 1.6 percent; barley, 316 acres or 0.6 percent; and oats, 1,833 acres or 0.9 percent.

On the national level, the base acreages signed up are: wheat - 8,720,170 acres; corn - 6,530,098 acres; grain sorghum - 1,258,236 acres; barley - 658,038 acres; and oats - 208,126 acres.

Fleming reported that those Pennsylvania farms that requested 50-percent of their land diversion payments for the crops represent 2,103.5 acres of wheat; 121 acres of barley; 709.1 acres of oats; 14,240.7 acres of corn; and 165.8 acres of grain sorghum.

The acreage base involved in 50-percent projected deficiency payments includes: wheat - 1,736.7 acres; barley - 72.5 acres; corn - 14,095.9 acres; and grain sorghum - 165.8 acres. Oats are not eligible for deficiency payments under the program.

Fleming said the next acreage report will be available after Nov. 26. He was optimistic that more Pennsylvania farmers will enroll in the programs before it closes next March, noting "most of our farmers sign up during the last three weeks."

Signup in the federal programs is required for farmers to be eligible for other ASCS program benefits, such as commodity loans, target price protection, and grain reserve.

Farmers who sign up to participate in the wheat and feed grain programs agree to reduce their base acreage by at least 20 percent. Feed grain producers sign up for a 10 percent acreage reduction and a 10 percent paid land diversion, while the requirements for wheat producers are a 15 percent acreage reduction and a 5 percent paid land diversion.

'83 Simmental Sire Summary available

BOZEMAN, Mt.—The American Simmental Association has announced the publication and release of its 1983 National Simmental Sire Summary. As described by Earl B. Peterson, association executive vice president, "It is the most accurate and up-to-date measurement of the American Simmental breed available anywhere."

"A great deal of the early research work done with Simmental was based upon the genetics of European bred cattle," Peterson explained. "A key feature of the Sire Summary is that the records come from producers, and thus they represent the current status of the breed more fairly than any other document or report that might be used."

Progeny data is gathered from ASA performance records provided by Simmental breeders. Breed wide comparisons of sires are tabulated in 12 economic traits, allowing breeders to evaluate the potential usefulness of a large pool of purebred bulls when used in their own herds.

"The format for the 1983 Sire Summary includes some changes," Peterson said. The name, city and state of the owner of record for each sire has been added to help breeders locate and investigate bulls they may be interested in using.

In 1971 the initial Sire Summary listed 13 purebred sires and 6,776 progeny from 301 management units. The 1983 edition, by comparison, lists 1,610 purebred sires and 518,069 animals from 54,043 management units. The Sire Summary includes a listing of 86 Genetic Trait Leaders, identifies reference sires; carries a trait correlation table and other information.

The Simmental Sire Summary is mailed free of charge to all active ASA members. Non-members may obtain copies by mailing a $5 check for each copy requested to the American Simmental Association, One Simmental Way, Bozeman, MT 59715.

York Farm Credit to hold meetings

YORK — Stockholders of the Federal Land Bank Association and the Production Credit Association of York will conduct their annual meeting with registration at 6:15 p.m. on Tuesday, Nov. 9, at the Embers Quality Inn, Rt. 11, north of Carlisle, and Wednesday, Nov. 10, at the Sheraton Inn, Gettysburg, U.S. Business Route 15 South.

Scheduled are the election of three directors and nominating committees for the next annual meeting. In addition, reports of association operations during the past year will be given.

The farmer-owned institutions make and serve farm and rural home loans in the counties of Adams, Cumberland, Franklin, Fulton, Perry, and York. These members are using their cooperative institutions to obtain the long-term and operating credit required for modern farm operations. The associations currently have over 2,400 loans outstanding in excess of $127,000,000.

All stockholders are urged to attend one of these meetings.

Pork recipe contest underway

NEWARK, Del. — Entries are being accepted for the 1983 Delmarva Pork Congress' FAVORITE PORK RECIPE CONTEST. Deadline is January 1. The contest is open to both young people and adults.

All recipes must feature pork or pork products. Finalists will bring their completed dishes to the Wicomico Youth and Civic Center in Salisbury, Md., for judging on Wednesday evening, January 19, 1983.

Juding will be based on four factors: pork cut selection, preparation, flavor, and appearance of the finished dish.

Judges will look for recipes that appear appetizing, are innovative but fairly easy to prepare, use generally available pork cuts suited to the cooking method chosen, and are seasoned enough to be tasty but milk enough to please most people.

Cash prizes will be awarded for first, second and third places in both youth and adult divisions.

The contest is sponsored by the Delaware and Maryland Pork Producers Associations, the Delaware and Maryland Porkettes, and the Extension Services of Delaware and Maryland. To obtain an entry form, contact county Extension offices in either state. Offices in Delaware are located in Newark (738-1239), Dover (736-1448) and Georgetown (856-5250).

4-H'ers honor top 'cheeses'

(Continued from Page A30)

division; and Mark Welk, Peach Bottom, in the senior category.

Thirteen dairy members received project awards this year for work in their individual clubs. Recipients were, in the Ayrshire, Brown Swiss and Jersey Club, Anthony Spickler, Mount Joy and Anita Brommer, Conestoga; in the Golden Guernsey Club, Gerald Garber, Willow Street; in the Kids and Cows Club, Helen Arrowsmith of Peach Bottom, Matthew Arrowsmith of Peach Bottom, and Jere Shertzer of Lancaster; in the Holstein Club, Susan Hess of Quarryville, Marilyn Landis of Manheim, Stephanie Stoltzfus of Kinzer, Danny Welk of Strasburg, Brent Brubaker of Rheems, Scott Hess of Conestoga, and Karen Shertzer of Lancaster.

Glenn Shirk, Extension dairy specialist and dairy 4-H advisor, announced the following list of sponsors: Agway, Inc. of Salunga; Atlantic Breeders' Cooperative; Brandt's Farm Supply, Inc., Ray H. Buch, Inc., Dauphin Deposit Bank and Trust Co., Em-Tran, Farmshine, Farmers First Bank, G and G Feed and Supply, Clifford Gibble of Select Sires, Graybill's Dairy, Inc., Dr. Robert E. Graybill, Grubb Supply Company, Hamilton Bank, R.S. Hollinger and Son, Inc., Warren Johnson of Merck TBZ, K and S, Inc., Ray Kline of Young's Minerals, Melvin Kolb, Inc., Lancaster County Holstein Breeders, Lancaster Farming, Lancaster Silo Company, Lancaster Veterinary Associates, David Landis of DeKalb, Dr. J. Harold Landis, McCrackens Feed Mill, Inc., Pennfield Corporation, Show Ease Stall Company, Earl Umble of Young's Minerals, Melvin Wenger of Agri-Service, West Willow Farmers Association, Walgemuth Brothers, Inc., and J.B. Zimmerman and Sons, Inc.

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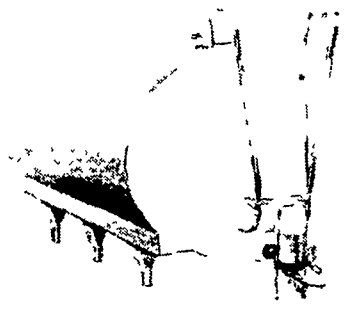

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Computers will keep education in ag

COLLEGE PARK, Md. — With three percent of the U.S. population feeding the other 97 percent, agricultural educators are saying the best way to "keep them down on the farm" is by plugging students into home personal computers.

That is exactly what University of Maryland-College park educators are doing in a new course at the Institute of Applied Agriculture."

All of the Institute's programs emphasize practical decision making and skill development, and the new computer program is no different, according to Ronald J. Seibel, director of the Institute.

Working with the now-popular home personal microcomputer, students will be introduced to BASIC, an all-purpose computer language that will open new doors to farm financial management.

But, in addition, says Seibel, students will gain some very practical, everyday skills as well.

"The computer-educated farmer of tomorrow should become well acquainted with information sources that tell him or her the least expensive feed rations to use, the best seeding rates for planting, or the right formulation and amount of fertilizer or pesticide to apply," says Seibel.

Students also will be introduced to larger, "mainframe" computers and use some software developed for those systems.

"Eventually, all farms are going to have some part in computers," predicts Bobby Stahl, an Institute student who farms in St. Mary's County, Maryland.

"With the software available, I can see where you could have your whole farm monitored on computers. It's going to make the management side of farming a lot easier," adds Stahl.

The Institute's computer course was open only to students in the farm program in its first eight-week term this fall, according to Seibel.

But Institue officials opened enrollment to all students during the second eight-week term, which began Oct. 28.

The Institute of Applied Agriculture is a two-year program at the University's College Park campus. It offers management programs in farm production, agricultural business, golf course and lawn care. It also offers ornamental horticulture studies in landscape, florist shop, nursery, garden center and interior plantscaping management programs.

For free information about the Institute of Applied Agriculture and a detailed schedule of classes, call (301) 454-3938, or write to the Institute of Applied Agriculture, University of Maryland, College Park, MD 20742.

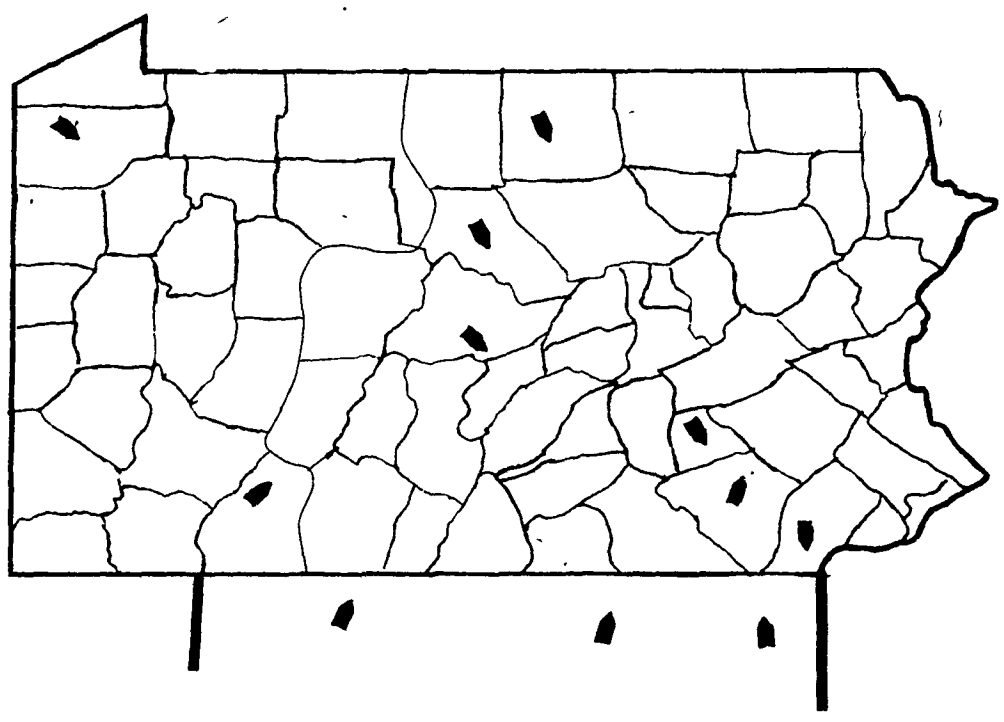
Instructor Mark Adkins, right, of the University of Maryland's Institute of Applied Agriculture discusses farm management strategy with students Jimi Hale, standing and Tim Foster at the terminal, in preparation for a new course offering: "Using Computers in Agriculture." The course begins its second eight-week term October 28 and emphasizes practical decision-making through computer technology.

Lyng to speak at Grange session

PROVIDENCE, R.I. — Richard Lyng, deputy secretary of Agriculture, USDA, will be the guest speaker at a Rural America Luncheon, Fri., Nov. 12 in Providence, Rhode Island. Lyng will address Grange members attending the 116th annual session of the National Grange being held in Providence, Nov. 8-14. The Grange will be the first general farm organization to meet following the Congressional elections.

The Grange is the oldest and second largest farm organization in the country. Delegates from 37 states will be voting on resolutions which originate in local Grange chapters. Action taken at the national session determines the Grange's legislative program and policies.

Other activities during the week's session will include recognition and awards for winners of national contests sponsored by the Grange for both members and non-members. A National Grange Prince, Princess and Young Couple of the Year and Junior Grange of the Nation will be selected as well as Best of Show winners in talent, art, photography, needlework, sewing, public speaking and community service.



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If you need equipment in an area not covered by these points shown above, US Farm Systems of Pennsylvania will serve you from home base.

For information about the local places where you can rent or lease liquid manure equipment, write to US Farm Systems of Pennsylvania, 3053 Barren Road, Oxford, PA 19363. Or call (301) 398-2948.

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Georgetown substation gets new computer

NEWARK, Del. — The university of Delaware Georgetown substation has purchased and installed a TRS80-Model 16 Radio Shack Microcomputer for use by research and Extension personnel. The unit also is available to Delaware residents through county Extension agricultural, home economics and 4-H agents.

According to Extension farm management specialist Don Tilmon, the new computer can help farmers and consumers make decisions on a wide range of topics. "We now have about 65 programs and are acquiring more all the time," he says. These are ready and running on the machine.

"We have obtained programs from a number of land grant universities including Clemson, Mississippi State, Oklahoma State and Penn State, he says.

There are programs for analyzing grain storage decisions, formulating dairy cow rations, and keeping swine reproductive records. One called "Crops" compares double-cropping soybeans to growing them full-season. Two farm records programs are available. A third, which Tilmon developed on the University of Delaware's main frame computer, is now being transferred onto the TRS80.

Progams for young people include "Teen" from Clemson University which establishes a budget routine for teenagers. Another analyzes the cost of driving a car.

For Taxpayers there are programs on income tax estimation and estate tax planning. A program called "Speedy" is for family budgeting.

Since the advent of the microcomputer several years ago, extension specialists at land grant colleges across the country have been busy developing such programs to help both farmers and nonfarmers.

Tilmon considers the TRS80 among the most powerful of currently available microcomputers in terms of computing speed and data storage capacity. The machine is described by its manufacturer as a small business computer. The all-in-one unit includes a built-in 12-inch black and white video screen, 8-inch floppy disk drive (its memory system) and a detachable keyboard similar to that of a standard IBM typewriter. There is also a high quality printer.

A single 8-inch diskette costs only $5.50 and can store information equal to what would be produced by typing 70 words a minute nonstop over a 24-hour period. Home computers like this now cost less than half the price of a pick-up truck.

There is no service charge for using the new computer at the substation. "It is available as an educational tool," Tilmon says. A comparable unit is already in place at Newark.

Delaware residents interested in using either of these TRS80 units should contact the county extension office in Newark 302-738-2506, Dover 302-736-1448 or Georgetown 302-856-5250.

Extension farm management specialist Don Tilmon checks out new microcomputer acquired for use at U. of Del. Georgetown substation. Computer can help farmers and other Delaware residents with decision-making tasks.

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(See pgs. C24, 25)

Internat'l swine show shaping up in Atlanta

ATLANTA, Ga. — The International Pig Trade Show, a one-of-a-kind event promoting the worldwide pig industry, will be the feature attraction at the Atlanta Civic Center for three days in early December.

The second annual show, sponsored by Watt Publishing Co. of Mt. Morris, IL, will take over the exhibition hall at the Civic Center Dec. 2-4. Approximately 250 exhibitors will be present to display the latest in equipment, services, and hog technology. A global audience which could reach the 5,000 figure is possible for the big event.

Widely acclaimed last December following its inaugural run, the trade show is much more than exhibits. Pork producers in attendance will have the opportunity to be involved in educational meetings as well as to "rub shoulders" with others in the industry from throughout the United States and the world.

A highlight of the show will be a swine management seminar with the theme, "Back to The Basics." Interest in the seminar program is high and to accomodate the international audience, a Spanish language session will be held Thursday, Dec. 2, and an English [illegible] will be on the agenda Friday, Dec. 3. The program will include presentations by internationally-known experts. Members of the seminar "team" will be Jim Allison, swine consultant from Kansas; Mike Wilson, chairman of the Department of Clinical Studies at the University of Guelph, Ontario; David Hollier, consultant and pork producer from Wisconsin; and Hans Dieter-Alhusen, chief executive officer of a large commercial pig farm in North Carolina.

As a follow-up to the seminar, a "rap sessions" is scheduled for Saturday morning, Dec. 4, to provide producers with the opportunity to discuss individual management problems with seminar speakers.

A special pre-show event is an export seminar for exhibitors and their personal to be held Wednesday, Dec. 1.

Also preceding the show will be a two-day bus tour of commercial and breeding stock hog farms in northern Georgia, a prime hog producing area. Individuals participating will depart from Atlanta early Tuesday, Nov. 30, and return the evening of Dec. 1. Tour guides familiar with pork production will accompany the group.

The IPTS banquet and entertainment program will be held Friday evening at the Atlanta Hyatt Regency, the show headquarters hotel. Following the banquet, the popular singing group "Showboat" will provide an evening of variety entertainment. A strolling Mariachi band will play during the banquet.

On the agenda Friday noon and continuing through and afternoon is a gigantic outdoor pork barbecue. The Briar Patch cooking team of Dallas, Ga., will barbecue approximately 1,500 pounds of pork, and individually wrapped sandwiches will be served free to those in attendance.

The trade show is described as "a refreshing learning experience for producers from throughout the world" by Watt Publishing Co. vice president and publisher Orvel H. Cockrel. The IPTS was developed to fill a long-existing void, he noted. Atlanta was selected for the second year because of its easy accessability to cities in the United States by air, and since it is a link with Latin America, Europe and the Far East.

Watt is an internationally-known publisher of magazines involving agriculture, including four concentrating on the pig industry. They are: Pig American; Pig International, printed in English with summaries in German, French, Spanish, Italian, Japanese and Chinese; Industria Porcina, printed in Spanish; and the Pig International Buyers' Guide, an annual directory.

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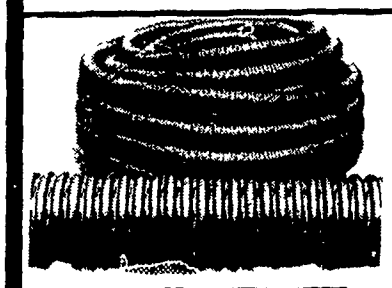

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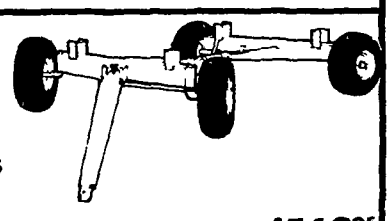

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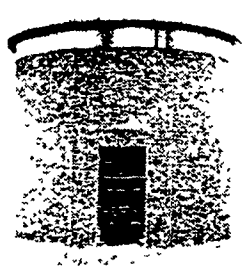

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Kottman is '82 Seaman Knapp lecturer

WASHINGTON, D.C. — Roy M. Kottman, acting associate director, Agricultural Experiment Station, University of Nevada at Reno, will deliver the 1982 Seaman Knapp memorial lecture in St. Louis on Monday.

The lecture, the third in an annual series, will be part of the program for a meeting of the National Association of State Universities and Land-Crant Colleges at the Chase Park Plaza Hotel. Kottman's subject will be "The Land-Grant System — Intent and Outcome."

Kottman's selection to deliver the lecture was announced today by Marry Nell Greenwood, administrator of the U.S. Department of Agriculture's Extension Service.

Greenwood said this year's lecture is part of a continuing tribute to the history of the Cooperative Extension Services, which provide informal educational program to help people solve problems at the state and local levels in cooperation with the USDA.

The lecture gets its name from Seaman A. Knapp (1833-1911), whom Greenwood described as "the father of the Cooperative Extension concept."

Knapp's success as the national leader of the farm and home demonstration system helped bring about the Smith-Lever Act of 1914. That legislation resulted in the organization of the Cooperative Extension Service in the states.

In his remarks, Greenwood said, Kottman will stress that research and education are "the keys to the knowledge kingdom" and that a continuing flow of new knowledge transmitted to all citizens through Extension, schools and outreach of business and industry is vital to increasing future world food supplies.

A native of Iowa, Kottman served as dean of the College of Agriculture and Home Economics, Ohio State University, for 22 years before his retirement last June 30. He earned bachelor and doctoral degrees from Iowa State University of Wisconsin.

In 1977, Kottman presented a series of seminars in India and Bangladesh under the auspices of the United States Information Service and in 1974, he served as co-host for a People-to-People good will delegation to Europe and the Soviet Union.

More recently, he has traveled in Saudi Arabia, Somalia, Kenya and Egypt.

Kottman now is a member of the Agriculture Higher Education Projects Committee of the Midwest Universities Consortium on International Development. He also is secretary of the Agricultural Institute and is a member of the board of trustees of the Farm Foundation and Advisory Council of the Foundation for American Agriculture.

USDA economists look at managing farm finances in the'80s

WASHINGTON, D.C. — Farm financial strategies that often paid handsomely during the 1970s may lead to trouble in the 1980s.

During much of the 1970s, farmers who borrowed heavily to expand their farms reaped large financial rewards. Today, however, such a strategy would likely result in lower returns and possible bankruptcy, according to Economic Research Service economists.

Strategies of the 1970s are less applicable now because the rate of inflation has slowed, interest rates have risen, and the value of farmland has declined. To boost returns in the early 1980s, many farmers are paying more attention to risk and current cash flow than to capital gains on assets purchased through borrowing.

Successful farming depends not only on proper management of production and marketing decision, but also on sound financial management — farm expanion plans, credit use, land rent or purchase decision, tax planning, and exposure to financial risks. In fact, as the experience of the last decade has shown, farm financial management is at least as important as production and marketing to farmers' economic well-being.

The key variables in planning a farm financial strategy are:

- the expected rate or return from current income and capital gains;
- the farm's cash flow (current cash income minus expenditures); and
- the degree of risk of low returns from current income, low or negative capital gains, or severe cash-flow problems.

Rates of return and cash flows are not the same thing. Farmers and farm investors receive returns from two sources: current income from the operation of owned or leased farm assets, and capital gains from changes in the value of owned assets. Taken together, these determine the rate of return from farming.

Cash flow, on the other hand, is the difference between current cash income and current cash expenditures (which include principal payments). It can be positive or negative regardless of the rate of return. The farmer's exposure to risks — poor rates of return, negative cash flows, or even forced liquidation — is largely linked to the financial management strategy the farmer adopts.

Negative cash flows in 1980 were more than offset by capital gains, the usual situation through most of the 1970s. But with the recent decline in farmland values and lower inflation, farmers can no longer count on such an automatic adjustment.

Exposure to risk is the third important key to farm financial managment. Although heavy use of debt financing can result in higher real rates of return to equity in favorable years — as in 1979 — it exposes the farm to potentially severe cash-flow problems, as interest and principal payments can exceed net cash farm income.

The risks are not symmetrical, however; if a farm remains debt-free, it is merely foregoing the return possible from some added investment in favorable years; but if the farm uses too much debt, it could face foreclosure or loss of assets in a bad year. The risk of foregone returns depends on the rate of return, and the risk of asset loss depends on the cash flows.

When the rate of inflation in the economy changes, the three variables in planning a financial strategy—rate of return, cash flow, and risk — become four. Rate of return on indebted assets must be adjusted for the effects of inflation by comparing real rates of return with real interest rates. (For complete accuracy in planning, real rates of return and real interest rates would be adjusted for income taxes that would be saved.)

For the farm sector as a whole, the 1970s was a period in which expansionary farm financial strategies paid off. Combined real (inflation-adjustment) returns from current income and capital gains exceeded the real interest rate, leaving a positive net return on debt-financed expansion.

Cash flow, however, depends on current income (which excludes capital gains) and current expenditures (which include principal payments and interest payments at the nominal interest rate). While some farmers with substantial debts had negative cash flows in the 1970s, lenders were generally willing to refinance such farmers because their assets had risen in value and their overall rates of return were favorable.

The picture has changed in recent years. At the moment, the most favorable financial strategies are much less expansionary, involve less reliance on debt financing, and avoid exposure to cash-flow shortages. Real rates of return on farm assets have declined sharply over the past 2 years, and real interest rates have risen—producing losses on indebted assets (although debt-free assets have continued to earn a normal-current income).

Lenders now are less willing to refinance farmers with negative cash flows because their asset values are no longer increasing. During the rest of 1982 and 1983, farmers likely will continue to face low crop prices, reduced rates of return, and high real interest rates, and cash-flow problems.

Farmers and farm investors cannot quickly adjust their debts and assets when economic conditions change, nor can they easily anticipate when such a change is imminent. Clearly, hindsight suggests that the time to switch from an expansionary to a conservative financial strategy was about 1978 or 1979, when farmers could have reduced their debts before the 1981-82 period.

The time to switch back to a more expansionary strategy will be just as difficult to anticipate. Those farmers who were hesitant to make large changes in the late 1970's — and hence have little debt — may be in the best position to purchase farm assets at bargain prices when prospects start to brighten.

Despite the difficulties of forecasting the economic environment of the farm sector in the 1980s, some changes look relatively permanent. First, the persistent high inflation that characterized the 1970s is slowing down, implying that gains in the value of farmland will no longer come as automatically as in the 1970s. Land values may recover and start to increase again in coming years, but their growth will likely be weaker and less predictable than in the 1970s. This change would favor a more conservative financial strategy, because capital gains would be smaller and more variable.

Second, at least in the early 1980s, interest rates required by savers and lenders will be higher and more volatile than during the last decade — reflecting the Federal Reserve System's decision in 1979 to control and restrict the growth of the nation's money supply, rather than enforce bounds on interest rates. The result is that interest rates will adjust more readily to account for expected inflation, making negative interest rates less likely in the future.

The Depository Institution Deregulation and Monetary Control Act of 1980 further altered the relationship between borrowers and lenders, especially in rural areas. Until the passage of this Act, rural credit markets remained somewhat insulated from national monetary conditions. Throughout much of the 1970s, the farm sector had access to credit at more favorable rates than did other industries. This advantage is likely to be reduced in the 1980s.

Also, U.S. farmers' increased reliance on foreign markets and, consequently, on foreign demand is likely to continue, resulting in unstable prices. Many of the international customers for U.S. farm products have centralized governmental trading or highly protectionist policies. As a result, U.S. farm prices are now subject to large changes depending on the purchasing decisions of foreign nations.

Finally, if agricultural policy relies more on markets, more of the price and income risk will return to the private sector — farmers, investors, and lenders.

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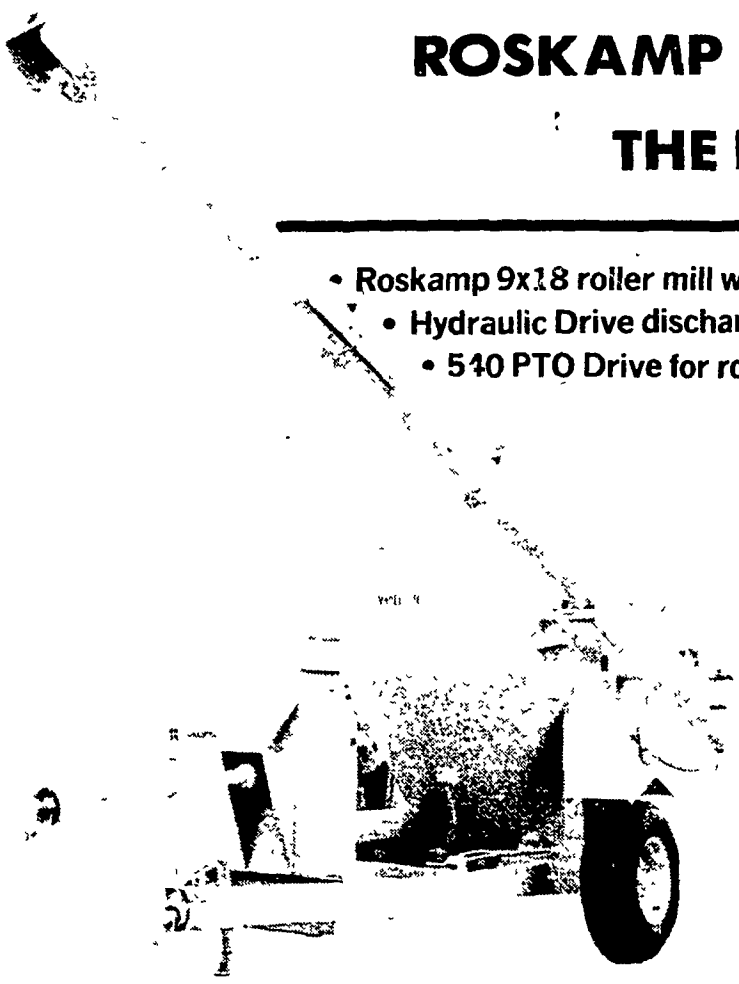

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Surveyed dairy farmers oppose 50-cent deduction

TIMONIUM, Md. — Several dairy farmers surveyed at random during the Dairymen, Inc. annual meeting all agree on one point: the 50-cent per hundredweight deduction on all milk is no answer to the surplus problem.

Harold Raubenstine of Hanover says everyone he's talked with recently is planning to put on more cows, and one dairy farmer is doubling his herd. While he feels farmers shouldn't be docked, if it has to be done then Raubenstine is in favor of spreading the deduction around evenly.

Raubenstine has cut back in his own herd, culling six cows and currently shipping 300 pounds under his base quota. If everyone would do the same, he figures, a dent could be put in the surplus.

Bob Ramsburg of Walkersville, Md., a former young cooperator of Dairymen, is taking his son into the dairy farm business.

"He's made the committment, but it's hard to know what to do," worries Ramsburg. "The 50-cents won't amount to anything; to have that money going to the CCC to do whatever with is asinine."

Admittedly, added Ramsburg, dairymen haven't done anything about the overproduction problem, and he'd like to see considerably more promotion of Class I milk.

"The 50 cents isn't going to help consumers because retail prices won't be any lower to them," was the opinion of Ronald Yohn, Reisterstown, Md. Yohn believes the deduction will further stimulate production and thus be self-defeating.

"It's a shame they don't come up with something to curtail under consumption of milk," he argued. Along that line, Yohn suggests higher quality standards are needed, since Maryland standards were lowered and "you can't even find Holstein-level milk anymore." California, by comparison, has raised their standards, and Yohn says milk consumption there has climbed.

An Amish producer from Kirkwood, Pa. admitted he could both agree and disagree with the 50-cent deduction. But while the lowered price may help supply drop closer to demand levels, the Lancaster Countian allowed that farmers are having a tough time making the grade now in paying their bills.

He further suggested that farmers and their organizations should be working harder to get milk in the cities, "where it belongs."

Taneytown dairymen Carl Weant summed up his opinion of the proposed deduction in a single word: "Bad!"

However, Weant is culling cows at his family operation. Four head of his herd of 80 have already gone to market, and plans are to send an additional seven. After culling at least ten percent or better, Weant still expects he'll be able to maintain production levels needed to pay bills by taking better care of the herd.

Carroll Wilhide of Detour, Md., after a moment of thought, pondered that "I don't think anyone can say they like the deduction, but I don't know what the solution is."

He agreed that there is too much surplus production, and maybe the 50-cents will help if it's used to defray inventory expenses. Class II prices were held too high for too long, he believes, and no one worried as long as they were selling that production.

"Everything we buy keeps going up in price, though," he added, "and the deduction will really hurt."

Malcolm "Bud" Hoff agreed, with a blunt opinion that "It's gonna' give me less spending money." The Uniontown, Md., farmer figures that those in deep dept will suffer the most harm.

Paul Hornbaker, Shippensburg dairyman and second vice president of Maryland-Virginia Milk Producers, whom he was representing at the Dairymen meeting, echoed those thoughts.

"It'll make it more difficult to pay bills," asserted Hornbaker, "And won't help the surplus problem. "We need more promotion, a lot of cooperation of the entire industry, and solving the problem at the national level with cooperatives all contributing at that point."

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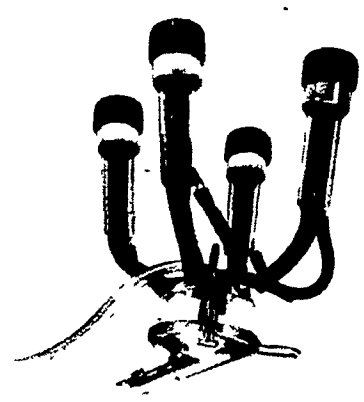

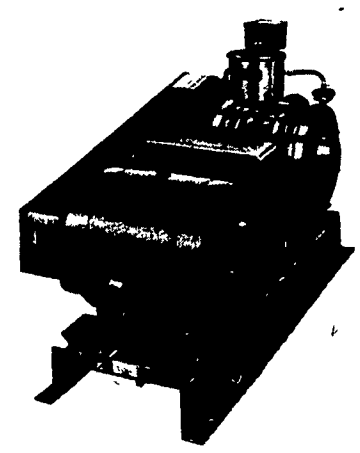

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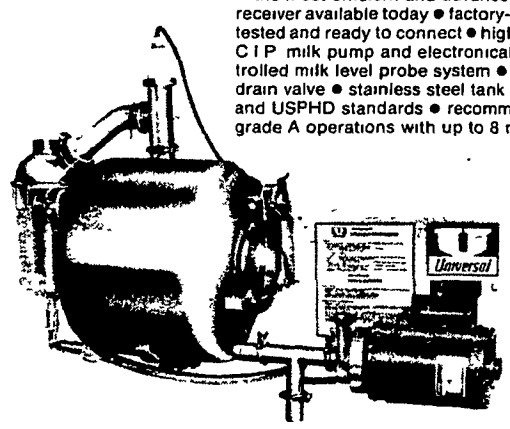

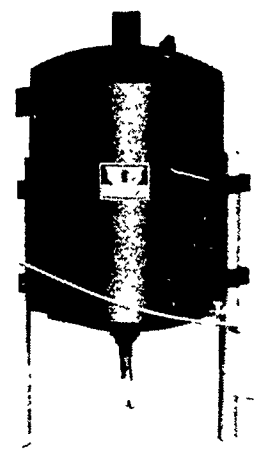

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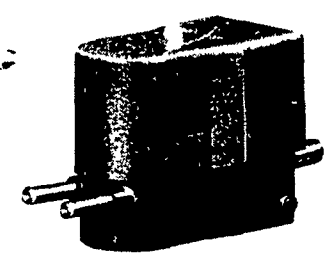

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Md. Dairy Shrine honors Montgomery resident

COLLEGE PARK, Md. — William I. (Billy) King of Gaithersburg, Montgomery County, has become the thirty-seventh person to have his portrait hung in the dairymen's hall of fame, maintained by the Maryland Dairy shrine at the bull stud north of Frederick.

King is a member of the University of Maryland's agricultural advisory committee, the Maryland Wholesale Meat Advisory Board, and the Maryland Agricultural Commission. He has served in the latter capacity since 1977 as a representative of the state's livestock industry.

In earlier years, King served as president of both the Maryland Holstein-Friesian Association and the Maryland Angus Association. He is a past director of the Maryland and Virginia Milk Producers Association and a former president of the Montgomery County Agricultural Center.

A lifelong resident of Montgomery county, King was a member of the Maryland 4-H dairy cattle judging team in 1941. He also was an active FFA member.

King was honored on Oct. 14 during the annual bull stud open house sponsored by the Maryland Artificial Breeding Cooperative, a member of Sire Power, Inc.

During the early 1950s, Irvington Farms, which King operated with his father, W. Lawson King, had the largest herd of purebred Holstein cattle in the United States. Due to labor shortages, the entire herd of 450 head was sold in 1966.

The Kings then founded an Angus herd. Today, Irvington Angus is located at West Point, Ga. Billy King oversees the Georgia operation, but he still resides on the Montgomery County, Maryland farm which produces many acres of corn and wheat.

John L. Morris, right, of Braddock Heights, Frederick County, helps William I. (Billy) King of Gaithersburg, Montgomery County, hang King's portrait in the dairymen's hall of fame, maintained by the Maryland Dairy Shrine at the bull stud north of Frederick.

USDA recalls Hygrade Ballpark Franks

WASHINGTON, D.C. — The U.S. Department of Agriculture confirmed the voluntary recall of all Hygrade Ballpark Franks from five states after two consumers found razor blades in frankfurters.

The franks, produced by Hygrade Food Products Corp., Livonia, Mich., were distributed in Pennsylvania, Ohio, Indiana, Illinois and Michigan — with probable subdistribution to other states. They can be identified by the yellow "12M" stamp on the edge of the package.

"Any consumer who has bought Ballpark Franks with the 12M code should return them to the store where they bought them," said Merlin Nelson, acting administrator of USDA's Food Safety and Inspection Service.

Hygrade Food initiated the recall, Nelson said. Company officials said the incident apparently was caused by the actions of a "misguided employee" and the tampering occurred in the plant since the packages were intact when they reached the consumers. Hygrade has offered a $10,000 reward for the arrest and conviction of the person or persons committing these acts, Nelson said.

The first incident occurred Oct. 27, when a woman in Detroit found one-half of a double-edged razor blade in a Ballpart Frank. The second occurred Oct. 28 near Ypsilanti, Mich., when a man was injured by an injector-type single edged razor blade.

The company has stopped production of Ballpark Franks at its Livonia, Mich., plant. No products from Hygrade plants in other cities are involved in the recall, Nelson said.

"USDA" compliance officers have gone to the plant to begin an investigation of the incident," Nelson said. Local and state police are also investigating.

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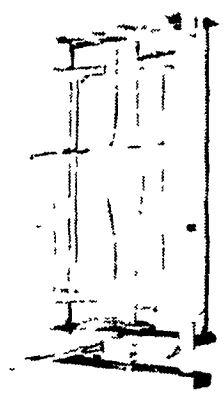

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RAIN DATE — FRIDAY, NOVEMBER 19th
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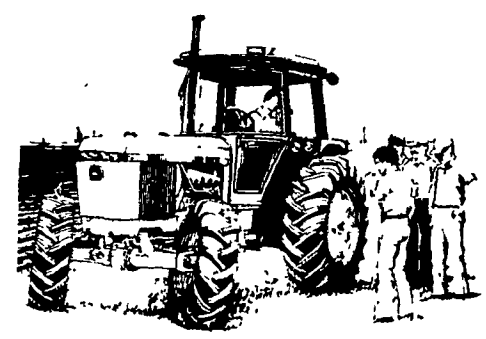

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USDA examines brand advertising

WASHINGTON, D.C. — It's no secret that brand advertising usually increases sales for that particular brand. But, an Economic Research Service study indicates that sales for all brands in a particular product class may increase when manufacturers of any of the products advertise.

Breasfast cereals are a good example. USDA data indicate that when any cereal manufacturer advertises, sales for all cereal brands may increase — probably at the expense of less advertised breakfast foods.

In the long run, advertising also has a cumulative impact on consumer purchases. Product classes that are relatively advertised by brand manufacturers generally get a bigger share of the consumer dollar than less heavily promoted product classes. But the USDA study also found that advertising may only cause a shift among the kinds of foods Americans eat — almost never has it caused the total amount of foods eaten to increase.

Advertising and promotion have two main impacts on consumers. They increase consumer food costs by about 4 cents for every dollar spent. Of greater potential significance, however, is advertising's influence on food consumption patterns.

Within budget constraints, consumers must first decide how to allocate their incomes between food and nonfood expenditures; then, between food at-home and food away from-home; then, among the types of foods (dairy products versus meats versus produce, and so on); and finally, among the brands of specific foods. Thus, advertising and promotion can have three distinct effects on food consumption patterns: the specific brands of food, the types of food, and the total amount of food purchased.

However, economists question whether branch advertising can affect purchases of the overall group of broad classes of closely substitutable products — called the "primary demand."

One writer with few doubts on this subject is John Kenneth Galbraith, who said, "If advertising affects the distribution of demand between sellers of a particular product, it must also be supposed that it affects the distribution as between products."

The impact of promotion on food purchases is significant because it can influence what products grocers will stock on their shelves, what products manufacturers will process, and, finally, what commodities farmers will produce. While four distinct groups — farmers, manufacturers, retailers, and consumers — compose the food production-distribution system, almost all food advertising and promotion is generated by food manufactured and retailers. Manufacturers account for two-thirds of the sales promotion aimed at the at-home foods market.

Nearly all food industry advertising and promotion is intended to influence consumers to make choices of what to buy or where to shop. There is virtually no advertising designed to increase total food consumption, or influence consumer choices between food and nonfood items. Moreover, there is very little advertising that promotes broad classes of food such as dairy, meat, and produce.

Although most food advertising promotes a particular brand, such advertising may increase purchase of all brands in the same product class. Partly, this occurs by longrun substitution of these aggressively advertised products for classes whose brands are individually and collectively little advertised (thus lowering consumers' awareness of their existence). Extensive and continued advertising of one brand in such a product class could motivate consumers to try other brands as well to find the one that best satisfies their preferences.

Consumer preferences among classes of foods (such as apples versus oranges) can be altered, especially over long periods of time. Some companies have attempted to improve their brands' sales by calling attention to the product and its uses without mentioning their own brand.

Store farm machinery properly over winter

NEWARK, Del. — Except for land, machinery represents the largest investment on farms today, with total costs often exceeding $150 an acre.

"Farm machinery operating costs have skyrocketed, with fuel prices leading the way," says University of Delaware Extension agricultural engineer Tom Williams.

"It now costs over $200 a day to operate a 160-horsepower tractor, excluding labor," he says. "It costs about 20 cents per horsepower per hour to rent a tractor, or $20 an hour for 100 horespower." Replacements costs are also sky high, with new combines selling for up to $150,000.

Proper care and sound preventive maintenance can reduce operating costs and prolong the life of farm equipment.

"Study operator's manuals regularly for suggestions on preventive maintenance," he says. "It really pays off."

He offers these tips on preparing farm machinery for witner storage:

- Remove oil and grease from belts and rubber tires. Reduce tension on all belt drives and remove the load from tires.
- Retract all hydraulic cylinders to keep rods from rusting, which can ruin seals. Coat any exposed cylinder rods with grease or rust preventive.
- Drain all fuel from the carbuetor as well as the gas tank of gasoline engines, such as lawnmowers, that won't be used for three months or more. This prevents gum deposits from fouling carburetor jets.
- Diesel engines such as irrigation engines that can't be drained should be left with full tanks to prevent condensation and subsequent water in ther fuel system. Next spring, try to use all the old fuel before refilling tanks.
- Start and operate engines every six weeks for 15 minutes or longer this winter, if this is practical. This will evaporate accumlated moisture, reoil the cylinders and recharge the batteries. Batteries may freeze and crack if left uncharged in cold weather.

"A machine shed can increase equipment life by 25 percent," says Williams. "It also will reduce repair costs by 25 percent. That's a pretty sound investment."

Trapping season opens

HARRISBURG — Pennsylvania's trapping season for skunks, opossums, raccoons, foxes, weasels and coyotes opened Wednesday.

The opening date for trapping mink and muskrat will be the day after Christmas, Sunday, Dec. 26. Beaver trapping won't begin until Feb. 12.

Supplies of most furbearers are believed to be good generally, although muskrat populations have been depressed. Prices paid for pelts have been at exceptionally high levels in recent years.

Wildlife managers expect current furbearer populations and prices will combine to produce plenty of trapping activity prior to the end of the season for skunks, opossums, raccoons, foxes, weasels and coyotes on Jan. 31.

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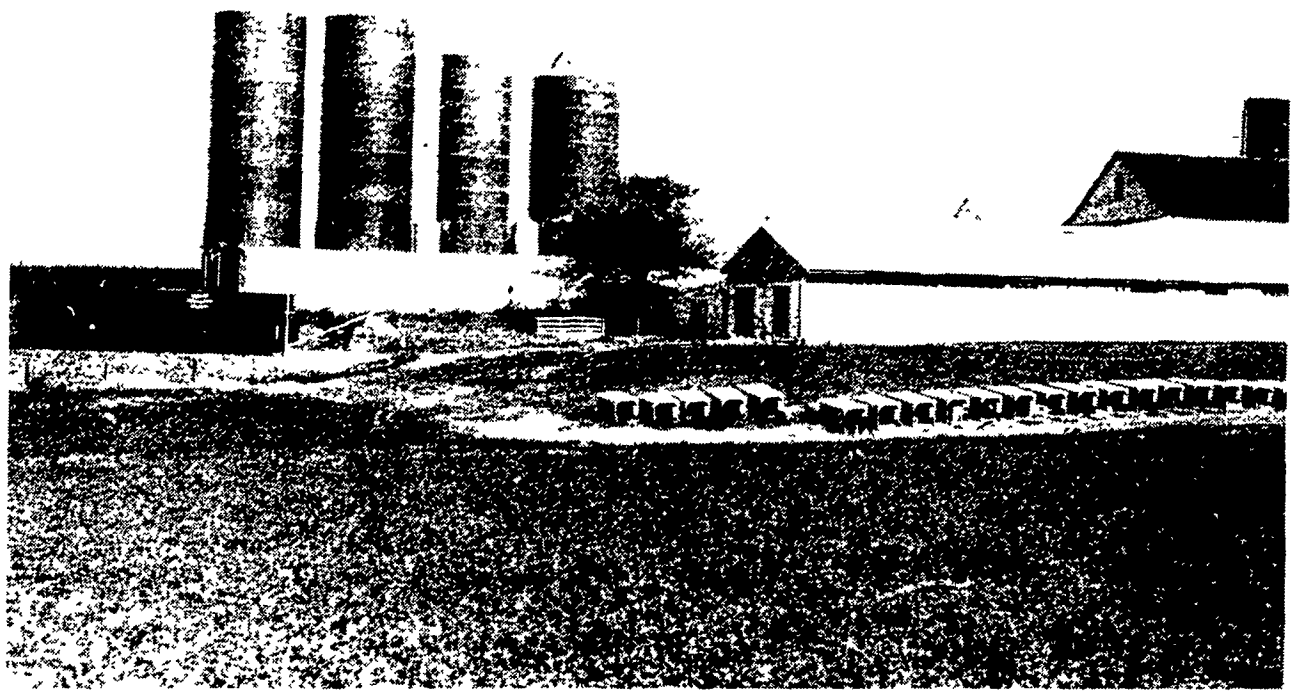

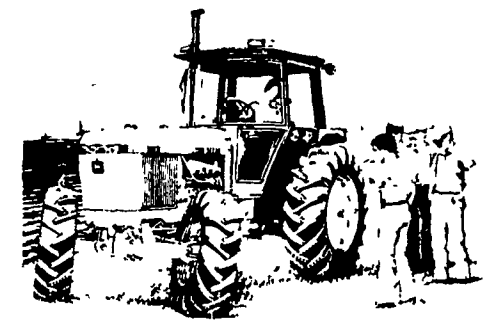

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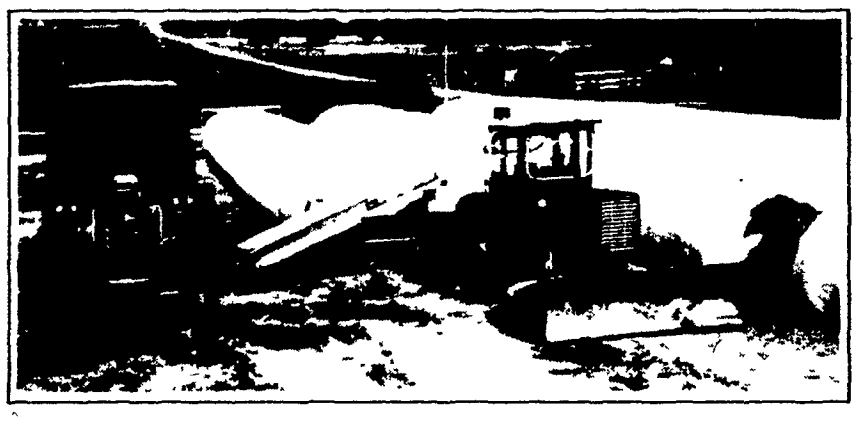

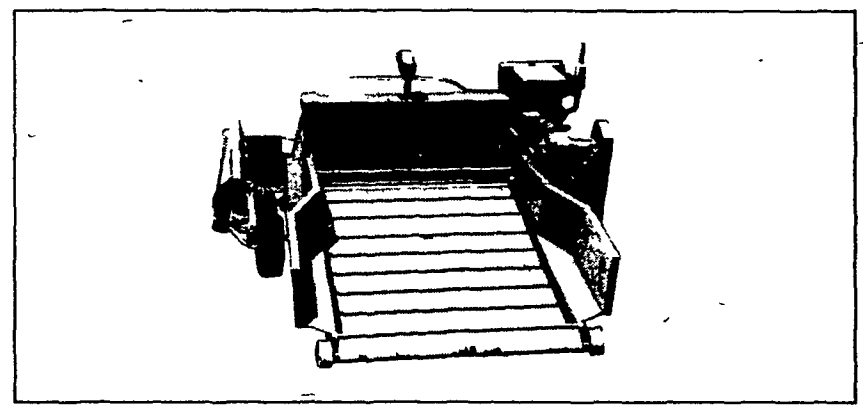

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Don Carter of Parkdale, Oregon

"The best move I ever made"... says Don Carter in reference to his switch to bagging silage on his dairy near Parkdale, Oregon.

"I get 18% more feed from the same acreage and the feed lasts three times as long. I used to clean my bunks after three days, now I only need to clean them after 10 days."

Roland Rasmussen of Blair, Nebraska

"In addition to everything else, it's a management tool"... says rancher, Roland Rasmussen of Blair, Nebraska.

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Bert Anderson of Sceptre, Saskatchewan

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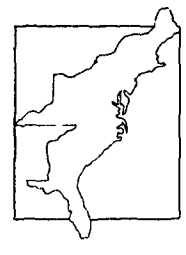

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The apple "snitz" must be added slowely to the rapidly boiling cider to prevent sticking and to allow it to continue to boil. Here Hazel adds a small portion of the sliced apples. The cider is condensed by half before the raw apples are added.

Dave Reist works the antique apple peeler as his grandmother, Mary Eberly Reist, slices the apples. With four generations working, quick work was made of snitzing the three heaping half bushel baskets needed for the apple butter.

Henry Reist stirs the apple butter as it slowly cooks down and gets thicker and thicker. He said his favorite time of the day is when the crock is successfully off the flames and the project has been completed with nothing going wrong.

One family's apple butter-making venture

BY SALLY BAIR
Staff Correspondent

Homemade apple butter spread thickly on fresh homemade bread is a delicious taste treat familiar to many in this county. In recent years, however, the number of people taking the time to cook the cider into apple butter the old-fashioned way has been dwindling.

One family that is keeping this fall tradition alive is the Henry and Hazel Reist family, R3 Mount Joy. Boiling apple butter is truly a family tradition there with everyone taking an interest in the project. While they used to do it every year, they now have slowed to alternate years.

Hazel says, "It's a tradition that goes way back in my husband's family. We feel we are keeping a tradition alive and are sharing a family time. We are really fortunate."

Henry adds, "It is something we are passing on to future generations."

Son Bill says, "You can't buy apple butter this good." His wife Judy and 19-month-old son Jonathan were on hand for the entire process.

The job began last Friday when four generations gathered around the table in the Reist farmhouse for the "snitzing." For the uninitiated, the three ingredients needed for apple butter are cider, apples and sugar. The cider and apples are ordered from Wolgemuth's Fruit Market and the sugar is purchased, but the apples need to be peeled and sliced to be added to the boiling cider at the proper moment.

There were nine "snitzers" at the Reist's, including Hazel, who has taken over as chief since Henry's mother Mary Eberly Reist is now living at Landis Homes. Mother Reist was there, however, helping with the snitzing and recalling previous apple butter boilings. As we chatted, she observes, "We didn't always have such good help. We have so much help tonight I don't have to hurry."

And she was right. There was also son Sam, who lives at home; son Bill and his family; JoAnne Reist, whose husband Tim was hunting; son Dave and his wife Pam with daughters Jennie, 9 months, Meryl, and Erin, 4; and a friend Thelma Leamon. Dave and Bill took charge of the peeling done on an antique apple peeler, and the others sliced. There was much laughter and talk as the work progressed.

Henry was not in the kitchen, but he was carrying out a very important role reading and playing with the fourth generation, too young to wield a knife.

With the 30 gallons of cider to be boiled, the Reists used three heaping half-bushel baskets of snitz. Friday evening was the fun part; the hard work began Saturday.

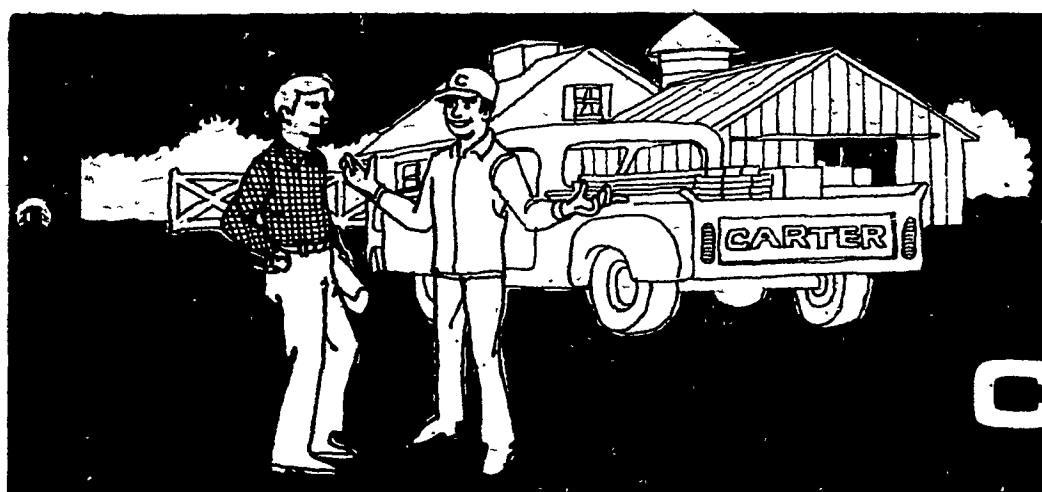
With the fire built about 6 a.m., the condensing of the apple cider began. According to Hazel the cider must be condensed by half before the snitz is added. That took

(Turn to Page B4)

After the heavy kettle is on the fire, it's time to fill the crock and taste the tempting treat. More than a dozen large crocks are filled with gallons of apple butter which will be stored and used throughout the winter by the Reist family.

Homestead Notes

And the final product! Is there anything more tasty than a slice of homemade bread thickly spread with freshly made apple butter? This is a taste treat enjoyed by many local people, but the joy of eating your own makes it truly special.



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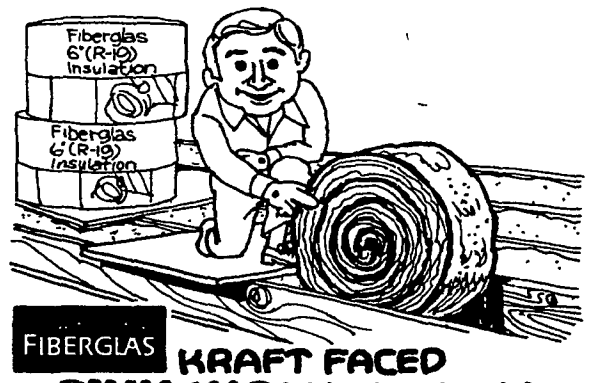

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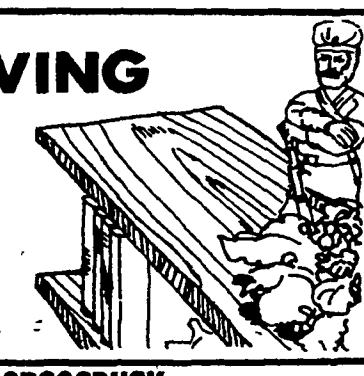

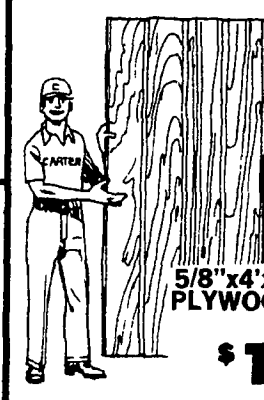

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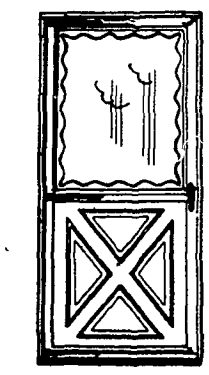

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One family's venture

(Continued from Page B2)

until about 10. Then the snitz were added slowly.

The evening before Mary had said, "There are tricks to making good butter. One trick is to keep it boiling fast, but it tends to boil over so you always have to have a plate of butter nearby and slide a hunk of butter in it when it looks like it may boil over. Or you can add a little fresh cider."

Mary was not able to come on Saturday, but Hazel had the butter ready and acknowledged that she had to use it once. Hazel says of her mother-in-law, "It's been her project and I've been the helper at her back and call." This year Hazel was on her own, but heeded much of Mary's advice.

Mary had noted the night before, "You must stir it constantly. You get the cider boiling early in the morning and condense it to half, then add the snitz. You don't want it to stop boiling." Another "trick," she points out, "Never use a sweet apple. They don't disintegrate like a Stayman."

On Saturday, Henry and son Bill were the chief stirrers, with Sam taking his turn close to the end. Hazel also did her share. There is a responsibility on the shoulders of the stirrer, and he can never stop and take a rest without someone there to take over.

As Henry stirred he reminisced, "My job as a child was to bring in wood. The faster you can do it the better, and my mother has had terrific fires." Hazel added, "Mother Reist never did things half way."

The Reists used a mechanical crank on their stirrer, which hardly can be called modern because it's been used for years and years. The advantage is that it allows the stirrer to cover the entire bottom of the copper kettle with each rotation. Henry noted that the scraper is shaped to fit the curve of the kettle, which makes it a little less likely to burn the apple butter.

Henry grew up in the house they now live in, and it was in that house that his mother made apple butter on an annual basis. Mother Reist says, "When I was married, we made butter once a year. My mother used to make apple butter to sell once a week for a long time during the season, usually from October to December. She had quite a number of customers in Lancaster. She went to all this work and sold it for $2 a gallon."

Mary adds "My mother never bought cider. My father had a cider mill and we pressed cider for other people maybe twice a week. Some of the farmers would get there at 4 a.m. We lived 10 miles from Lancaster and they would take the pressed cider to Lancaster and peddle it."

The stove in their present house is a Farmers Friend, manufactured by Buch & Sons in Elizabethtown. It is build in, with brick sides, and was probably put in when the kitchen and basement were added to the original house about 1900. The older part of the house dates from 1832. The stove is made with removable plates so the copper kettle can be placed directly over the fire. The open space around the kettle is filled with ground to keep in the heat and prevent smoke from filling the small basement area.

While some people cooked the cider outside, Henry notes. "I wouldn't want to cook outside. You would have tremendous loss of heat, and what if you got it all ready and it rained?" His mother agrees, "Outside is not as good."

After the apples had been added, and were cooking away, there was a break for lunch, with someone remaining on the job as chief stirrer.

After lunch, when no more snitz were visible in the boiling pot, Hazel slowly added the 22 pounds of sugar. Then things began to be a bit more critical. There were comments, like "Now, it's beginning to look like butter." From the stirrers came, "How far away are we"

Whether or not to build up the fire was a question toward the end. "Every year you wonder the same thing," Hazel remarked. "Do we need more fire." Finally Hazel began taking samples and putting them on a plate. She explained that if the liquid separates it is not ready.

The exact moment is a little difficult to discern, but it came quickly at the Reist's because of a mechanical breakdown. Suddenly the stirrer came undone and the decision was made, "Take it off! I think it's far enough," Hazel said. Swiftly and with great strength, Bill and Henry lifted the huge kettle with its precious boiling contents off the stove and onto the cement floor. Sam meanwhile had grabbed the regular stirrer which prudently had been cleaned off earlier in the day and continued his job of stirring the now thickening liquid.

There was some second guessing as to whether it was done, but Hazel quickly scooped it into stone crocks which had been warming on the other half of the stove to be ready to receive the hot apple butter. "It will be the best we ever made," Hazel laughs.

Earlier Henry had said, "The best time is when it comes off the fine successfully. There are so many little things that could happen."

Hazel remarks that the stone crocks would be stored in a second story room, and simply covered with newspaper. As the apple butter ages, it will thicken and darken. "We like it that way, too," Hazel says.

It took about eight hours from start to finish on Saturday, and another several hours on Friday evening. The cost was never calculated. But the tradition has been kept alive, and several generations of the Reist family will have some good eating this winter.

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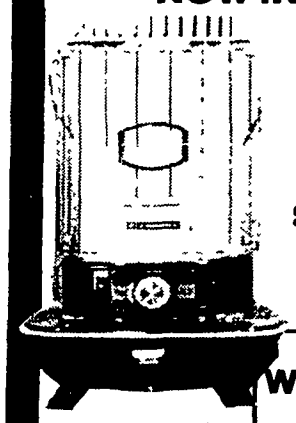
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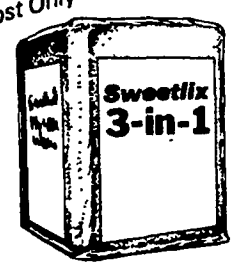

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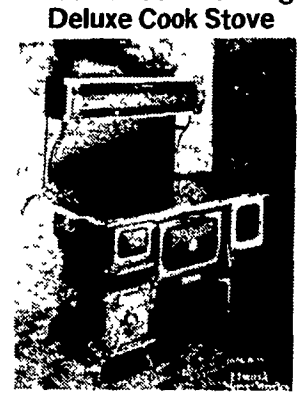

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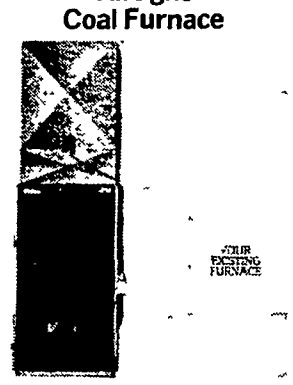

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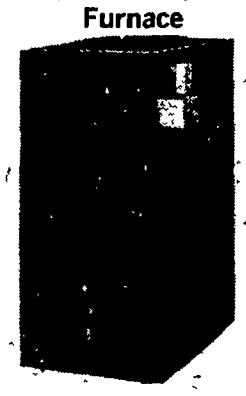

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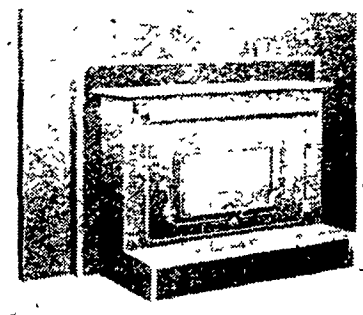

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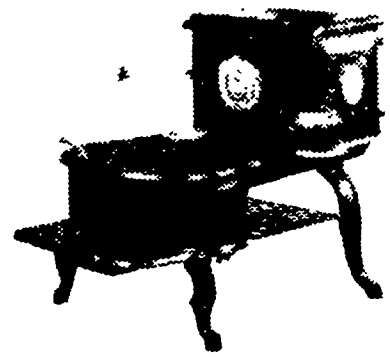

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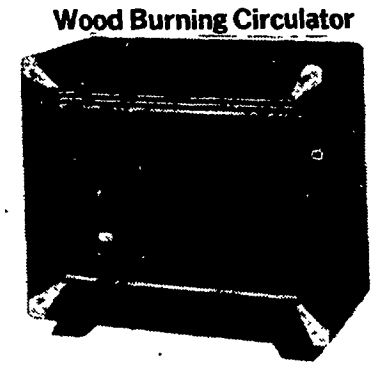

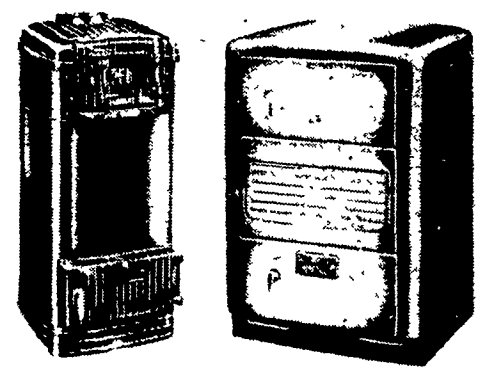

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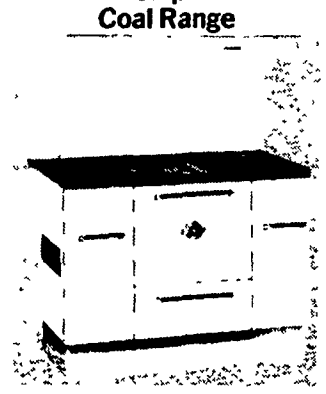

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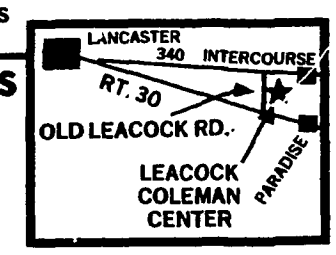

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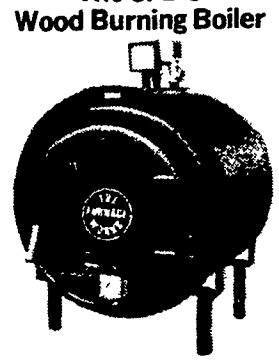
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Apple cider pressing intrigues children

BY SALLY BAIR
Staff Correspondent

MOUNT JOY — Fall means apples, and apples mean all kinds of good treats, including freshly pressed appled cider.

Last week a group of kindergarten children from Mill Road Elementary School in the Elizabethtown School District visited Wolgemuth's Fruit Market west of Mount Joy and watched the pressing operation.

Wolgemuths process about 600 bushels of apples into cider each week at their market, producing about 1800-2000 gallons of cider.

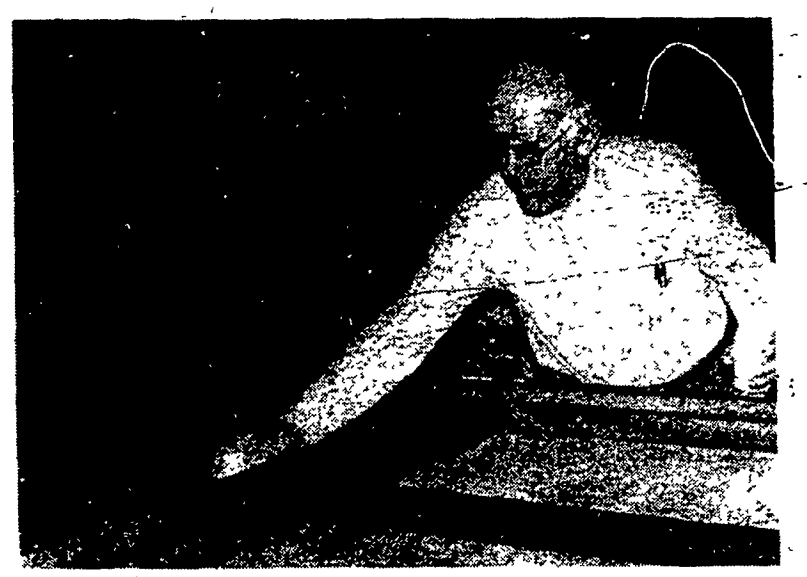
From the spellbound looks on the faces of the children, the visit opened their eyes. First they saw the apples crushed, then they saw it pressed, with 15 tons of pressure applied to the apples, and then they watched the juice flowing freely.

Lloyd Wolgemuth, one of the owners of the family operation, explained the process to the youngsters and answered their questions. One wanted to know the difference between juice and cider and Wolgemuth explained that the names have come to be used interchangeable, although once cider meant just the fresh juice, and juice actually referred to the processed product. Lloyd said, "Heating it does change the flavor, but freezing doesn't."

He also explained, "We always mix a couple kinds of apples so you get a better blend. It depends upon the season which ones we use because the early apples are not as sweet." Occasionally they will mix pears with their cider, because as Wolgemuth pointed out, "They help make it sweet."

The children noticed that the juice from the apples is perfectly clear as it comes out of the press, but by the time they got it in their cups it was the familiar brown of cider. Lloyd said, "Within five minutes after it comes out it turns color." He reminded the children that a freshly cut apple will turn

(Turn to Page B9)



Apple juice flows from the press at Wolgemuth's Fruit Market as pressure is applied at the rate of 15 tons. Wolgemuths process from 1800 to 2000 gallons of cider a week at their market. Lloyd Wolgemuth, one of the owners, fills small cups with freshly pressed cider. You can't get it any fresher than this!

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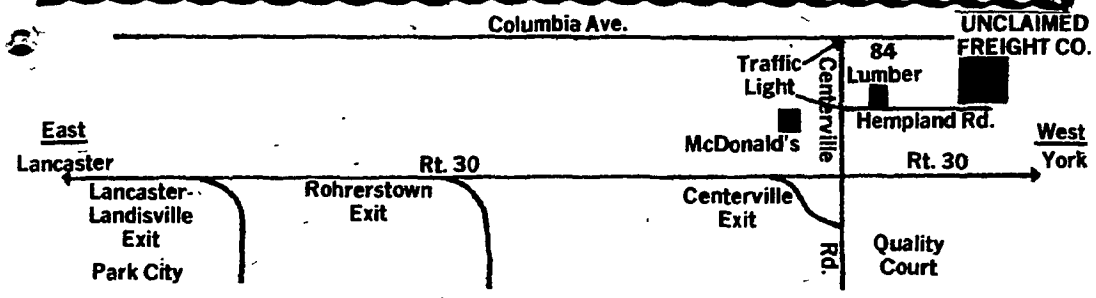

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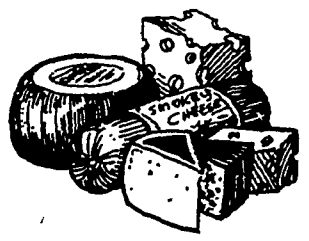
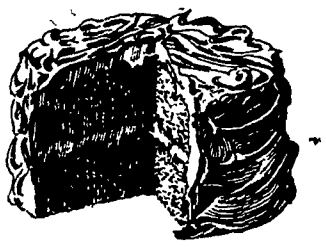


Home On The Range



Eggs enhance fall occasions

What's fall? It's one occasion after another! And, most often those occasions are accompanied by hearty appetites.

What's the easiest way to get through this hectic season? By letting eggs enhance your fall occasions.

First of all, consider the morning rush. If there's no time for the usual fried, poached or scrambled family breakfast, just pop an egg per person into the blender along with a cup of milk or your family's favorite juice. Add a dash of honey, if you like, and quick as a wink, you've got breakfast on the run!

And as the recipes below will support, eggs are a great addition to most lunch, dinner and snack dishes.

PUMPKIN SPICE CHEESECAKE
6 eggs
Ginger snap crust (below)
3 eight-oz. cream cheese
3/4 c. granulated sugar
3/4 c. firmly packed brown sugar
2 t. pumpkin pie spice
2 t. vanilla
16-oz. can pumpkin
orange peel spiral, optional

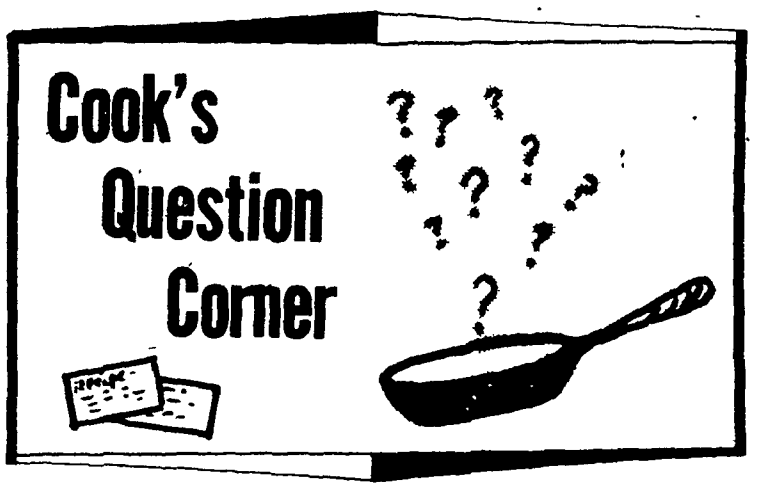
Prepare Ginger Snap Crust. Chill. In large mixing bowl, beat together cream cheese, sugars, spice and vanilla at high speed until fluffy. Add eggs, one at a time, beating well after each addition. Beat in pumpkin until blended. Pour into chilled crust.

Bake in preheated 350 degree oven until knife inserted near center comes out clean, about 1 hour, 15 minutes. Turn off oven. Allow cheesecake to cool in oven with door ajar 30 minutes. Continue to cool on wire rack. Refrigerate until firm, at least 8 hours or overnight. To serve, remove rim of pan and cut into wedges. Garnish with orange peel spiral, if desired.

Ginger Snap Crust
1 egg
1 T. butter, melted
2 c. crushed ginger snaps
1 T. grated orange peel

Beat together egg and butter until well blended. Stir in crushed ginger snaps and orange peel until thoroughly combined. Press firmly onto bottom and up sides of lightly greased 9-inch springform pan.

. November is a wonderful month for discovery. Usually the discoveries are made on a nature walk in the woods. But you can made discovery in the kitchen fun by trying new recipes like this Classic Cheese Souffle. The recipe is included here.



QUESTION - I am looking for a recipe for homemade bean soup that is made with ham and eaten with crackers. Can anyone help me?

Mrs. Janas King
Dover, Del.

ANSWER - For Mrs. Melvin Koser of Narvon who requested a recipe for using honey comb, comes the following recipe:

HONEY BITTERSWEETS

Let a section of comb honey in refrigerator about 24 hours before coating. Then dip cutting knife in boiling water. Cut comb honey into 3/4 inch long and 3/8 inch wide pieces. Place on trays on wax paper and chill for 30 minutes, before coating with melted chocolate of proper temperature. Coat each piece just as in coating cream centers. Drop walnuts, pecan or almond on top. It requires a little practice to be able to turn out honeyed bittersweets that do not develop many honey leaks but you will find that one or two of those unusual chocolates packed in your candy boxes will indeed delight the receiver

Elsie Stauffer
Ephrata, Pa.

ANSWER - We have received so many sticky bun and cinnamon bun recipes that it is impossible to print them all. So we have forwarded them to the requester, retaining two for everyone's enjoyment. They are printed at the end of this week's Home on the Range section.

Recipe Topics

November	
13	Cheese
20	How about some EASY pies?
27	Light meals after the holiday
December	
4	Christmas cookie time
11	Have an unusual holiday dish?

CHEESE SOUFFLE
1/3 c. butter
1/3 c. all-purpose flour
1 T. instant minced onion
3/4 t. salt
1/2 t. dry mustard
1 1/2 c. milk
1 c. shredded Cheddard cheese
6 eggs, separated
3/4 t. cream of tartar

In medium saucepan over medium-high heat, melt butter. Blend in flour, onion, salt and mustard. Cook, stirring constantly, until mixture is smooth and bubbly. Stir in milk all at once. Cook and stir until mixture boils and is smooth and thickened. Stir in cheese until melted. Set aside.

In large mixing bowl, beat egg whites with cream of tartar at high speed until stiff but not dry, just until whites no longer slip when bowl is tilted.

Thoroughly blend egg yolks into reserved sauce. Gently, but thoroughly, fold yolk mixture into whites. Carefully pour into 2 to 2 1/2 quart souffle dish or casserole. For a 'top hat,' hold spoon upright and circle mixture to make ring about 1 inch from side of dish and 1 inch deep. Bake in preheated 350 degree oven until puffy, delicately browned and souffle shakes slightly when oven rack is gently moved back and forth, about 35 to 45 minutes. Serve immediately.

HERBED CHEESE OMELET
2 eggs
1/2 c. cottage cheese
1 T. chopped chives or snipped parsley
2 T. water
1/8 t. basil, crushed
dash pepper
1 T. butter

Combine cheese and chives; set aside. Mix eggs, water, basil and pepper with fork. Heat butter in omelet pan or skillet until just hot enough to sizzle a drop of water. Pour in egg mixture. Mixture should set at edges at once. With pancake turner, carefully draw cooked portions at edges toward center, so uncooked portions flow to bottom. Tilt pan so uncooked eggs can flow. Slide pan rapidly back and forth over heat to keep mixture in motion and sliding freely. While top is still moist and creamy-looking, place cottage cheese mixture on half of omelet. With pancake turner, fold in half or roll, turning out onto platter with a quick flip of the wrist.

CASSEROLE SUPREME
1 pkg. macaroni and cheese dinner
3/4 c. milk
2 eggs
1 to 2 T. instant minced onion
1/2 t. salt
1/8 t. pepper
6 hard-cooked eggs
1/2 c. chopped celery
1/4 c. fine dry bread crumbs
2 T. butter, melted
watercress, optional

Prepare macaroni and cheese dinner according to package directions. Meanwhile, beat together milk, 2 eggs, onion, salt and pepper until blended. Reserving 3 egg wedges for garnish, chop remaining egg wedges. Stir milk mixture, chopped eggs and celery into prepared macaroni and cheese dinner. Spread evenly in greased baking dish or pan.

Combine bread crumbs and butter. Sprinkle over casserole. Bake in preheated 350 degree oven 20 to 25 minutes or until hot and bubbly. Let stand 3 to 5 minutes before serving. Garnish with reserved egg wedges and watercress, if desired.

TUNA CHEESETTES
1 can tuna
1/4 pound cubed white American cheese
2 T. olives
3 hard boiled eggs, diced
2 T. onion

(Turn to Page B8)

ANNOUNCING NEW PROGRAMS EFFECTIVE NOV. 1, 1982

- "40" Series Tractors Closeout (Models 2040-8640) Customer cash rebate with finance waiver until June 1, 1983 or cash in lieu of waiver.

- "50" Series Tractors (Models 1250-4850) Finance waiver until March 1, 1983 or cash in lieu of waiver.

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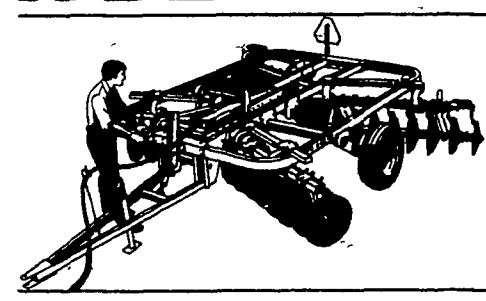

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455	$400
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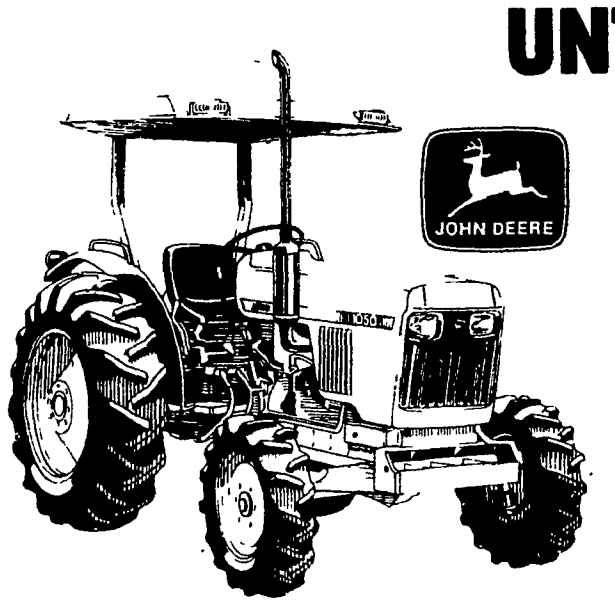

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This Program Includes MODELS 650 and 750

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

ONCE BOUGHT, APPLIANCES STILL COST

Tightening your budget? These days, most of us are re-assessing our spending habits to make what we have cover the costs of what we need. If you are looking for ways to save money, don't forget to examine how you use your home appliances.

Energy costs to keep large home appliances running have risen sharply over the past few years. To find out whether you should change your appliance-use habits, you need to know how much yours costs to operate in your particular service area. Then you can weigh operating costs against the savings in time and effort your appliances give you. Just because you have finished paying for the appliance doesn't mean it's free to use.

Dishwashers are a good example. The cost of operating dishwashers has risen more than 15 percent in the last two years. The rise is so large that manufacturers must now revise their energy labels on new dishwashers before they are sold. Operating costs are a combination of energy costs to run the motor and the cost of heating the water used in the dishwasher. Not surprisingly, water heating costs account for as much as 85 percent of the total cost of operation.

Since May 1982, revised energy labels for dishwashers have been based on a yearly cost estimate of $56 to $93 for electriclaly heated water and an estimated range of $28 to $50 for natural gas heated water.

You can contact the consumer services office of your gas, electric, and oil suppliers for their current estimates of operating costs for home appliances.

PERSISTENT REFRIGERATOR ODORS

It can happen anytime. You open the refrigerator door and out comes a terrible smell. Usually the cause is a leftover that turned bad sooner than your expected. Sometimes it's other food, that may have been older than you thought at time of purchase.

In any case, your first step is to eliminate the cause. No deodorizing method or product will be successful if the cause of the odor remains. The next step is to choose one of several methods to remove any lingering odors.

— Wash the interior, all removable parts, the gasket and the door liner with a solution of warm water and mild soap or detergent, or use a solution of two tablespoons baking soda to one quart water. Rinse well and dry.

— Pour baking soda onto jelly roll pans and place on refrigerator shelves to absorb odors. Leave soda in refirgerator several days.

— Spread activated charcoal (available at some hardware, appliance and pet stores) onto jelly roll pans and place on refrigerator shelves. Allow refrigerator to run empty for several days.

— Try commercial deodorizing products available in hardware, grocery and discount stores. Use according to manufacturer's directions.

If all else fails, call your appliance service center. Sometimes drippings from meat or fish leak into the insulation. The only cure is to have the insulation replaced.

Grange announces talent winners

HARRISBURG — The Pennsylvania State Grange announced winners in the State Grange Talent Competition held during the organization's 110th Annual Session last week at the Scottish Rite Cathedral.

All members competing in the talent contest had placed first in their respective districts in the state. At the state level, awards were presented to first and second place winners in four categories: vocal, instrumental, variety acts, family vocal and family instrumental.

The following individuals took top honors in talent competition:

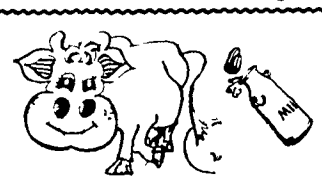
Vocal - first place, Elizabeth Reilly, Perry County; second place, Mae Shaffer, Mercer County.

Instrumental - first place, Jan Jakulowski, Lehigh County; second place, Daniel Tau, Crawford County.

Variety Acts - first place, Marian Adams, Berks County; second place, Louise Ahlborn, Westmoreland County.

Family Vocal - first place, Keith, Althea and Timothy Grim, Lehigh County; second place, Robin, Denise and Priscilla Sustrik, Washington County.

Family Instrumental - first place, Marian, Evelyn and Suzanne Adams, Berks County.



BREAKING MILK RECORDS!
Lancaster Farming Carries DHIA Reports Each Month!

F.W.S. Calendar

Saturday, Nov. 6
Lancaster County Farm Women meet for annual convention

Monday, Nov. 8
Lancaster Society 32 meets at Stauffers of Kissel Hill for a wheat weaving demonstration

Tuesday, Nov. 9
Lancaster Society 22 meets for a Thanksgiving program by Gertrude Hollinger

Wednesday, Nov. 10
Lancaster Society 11 meets with Miriam Leaman for a rug braiding program
Lancaster Society 17 meets for a trip to Three Little Bakers Diner to watch "Streets of New York"

Thursday, Nov. 11
Lancaster Society 21 meets for a program by Esther Graybill

Saturday, Nov. 13
Lancaster Society 19 meets for a program by the Rev. Eugene Stoebel
Lancaster Society 17 meets for a spelling bee and fun afternoon
Lancaster Society 1 meets for a wheat weaving demonstration
Lancaster Society 2 meets at the home of Edna Loose
Lancaster Society 10 meets to decorate eggs under the supervision of Mary Fyock
Lancaster Society 25 meets for a plant program
Lancaster Society 6 meets with Alma Shearer to hear music by Susan Spangler

Eggs enhance fall

(Continued from Page B6)

2 T. pickles
2 T. green pepper

Mix with 1/2 c. mayonnaise. Put in 8 buttered hamburg rolls. Wrap individually in aluminum foil and place on cookie sheet. Bake in oven at 300 degrees for 30 minutes.

Mrs. Charles Biehl, Mertztown

MUSHROOM QUICHE

1 9-inch baked pie shell
1/2 lb. fresh mushrooms, sliced
1/4 c. sliced green onions
1 T. butter
1 c. shredded Swiss cheese
4 eggs
1 c. half and half or milk
1/4 c. grated Parmesan cheese
1/2 t. salt
1/8 t. pepper

In large omelet pan or skillet over medium heat, cook mushrooms and onions in butter until mushrooms are lightly browned, 6 to 8 minutes. Spread mushroom mixture evenly in pie shell. Sprinkle Swiss cheese over mushroom mixture. Beat together remaining ingredients until well blended. Pour over mushroom mixture and cheese.

Bake in preheated 375 degree oven until knife inserted near center comes out clean, 30 to 40 minutes. Let stand 5 minutes before serving.

Following are two recipes in answer to a request from Cook's Question Corner:

CINNAMON BUNS

1/2 c. scalded milk
3 T. shortening
3 1/4 c. flour
1 t. salt
3 T. sugar
1/2 c. warm water
2 packs yeast
1 egg

Dissolve yeast in water and add sugar. Next, add remaining ingredients. Turn onto lightly floured board; knead until smooth and elastic, about 5 minutes. Place in a greased bowl. Cover. Let rise in a warm place until double, about 1 1/2 hours. Roll out dough on floured board and brush with melted butter and cinnamon. Roll up dough and place in a pan which has 1/4 pound of melted butter and 3/4 pound brown sugar. Let rise until double. Place in 350 degree oven until done. While warm, frost the cinnamon buns with Sweet Icing: Mix 1 cup confectioner's sugar, 1 T. milk and 1/2 t. vanilla until smooth.

Priscilla Grube, Mohrsville

MOLASSES STICKY BUNS

1 c. milk, scalded
1/2 c. sugar
1/3 c. butter
1 t. salt
2 packs active dry yeast
1/2 c. warm water
1 egg
4 c. sifted flour
1/4 c. molasses
1/2 c. brown sugar, firmly packed
1/3 c. butter
1/2 c. choped pecans
1 c. brown sugar firmly packed
1/2 c. raisins
1 t. ground cinnamon

Combine milk, sugar, 1/3 c. butter and salt in bowl. Cool to luke warm. Dissolve yeast in warm water. Add yeast, egg and 1 c. of flour to milk mixture. Beat until smooth. Gradually add enough flour to make a soft dough. Turn onto floured surface and knead until satiny. Place in greased bowl, turn dough over to greased top. Cover. Let rise until doubled. Combine molasses 1/2 c. brown sugar and 1/3 c. butter. Heat until butter melts. Spread mixture in 2 greased 9-inch round pans. Sprinkle with pecans.

Combine 1 cup brown sugar, raisins and cinnamon. Set aside. Divide dough in half. Roll each half into 12x8 rectangle. Sprinkle with half of brown sugar mixture. Roll up like jelly roll, starting at long side. Cut into 12 slices. Arrange in prepared pans. Let rise until doubled 30 minutes. Bake at 350 degrees for 25minutes or until golden brown. Invert pans on plates and remove. Cool.

Vera Martin, Lebanon

The Timpte Twins are Tough.

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Apple cider intrigues children

(Continued from Page B5)

brown after it has been exposed to the air, too.

Of course the best part for the small visitors was the moment when Lloyd took small paper cups and got samples of the cider as it flowed from the presses and passed it around to the youngsters. "It is yummy," was the frequent comment.

While the process is a commercial operation, Lloyd says of the 32-inch frame press, "It's an old style with an electric motor." The cider from the Wolgemuths is not filtered and is pure juice, he added.

Modernization has replaced the layers of burlap used between the apples in the press, with a heavy material made of nylon. This material is more durable. The crushed by products are fed to steers on the farm, so there is little waste in the process.

Lloyd noted that the secret of great cider is to keep it cold. Once the cider comes from the press it goes directly to a bulk milk tank for cold storage until it is put into gallon and half gallon containers. Lloyd commented, "It will turn sour much quicker if it is not refrigerated."

The Wolgemuths wholesale their cider to many customers and average about 100-150 gallons daily from their market.

Lloyd recalls years ago when most farmers had their own orchards. His father had a press and pressed cider for others. Lloyd said, "On the days we made cider, the vehicles were lined up waiting. We used to make a lot of cider. The farmers got it in barrels."

He noted that 15 to 20 years ago many people still made their own cider, and thirty years ago it was very commonplace. Now, of course, it has become something of a novelty.

Halloween marks the peak of the cider season for Wolgemuths, with sales still high through November. By December, the market has slowed considerably although Lloyd said, "We make it into the spring."

After observing a grader in operation at the market, the children moved onto the farm where John Wolgemuth talked to them about growing and picking apples. Picking an apple fresh from the tree was a new experience for most of the children.

One question was "what is the rusty stuff on the skin?" John explained that when the apple was no bigger than a fingernail, there may have been dew on it and then the sun came up and burnt the skin.

Kay Dimeler, the teacher, said, "We like to visit because during the year we have discussions of trees and their uses. We tell the children how important trees are to us. We like to visit an orchard and in the spring we will visit a saw mill."

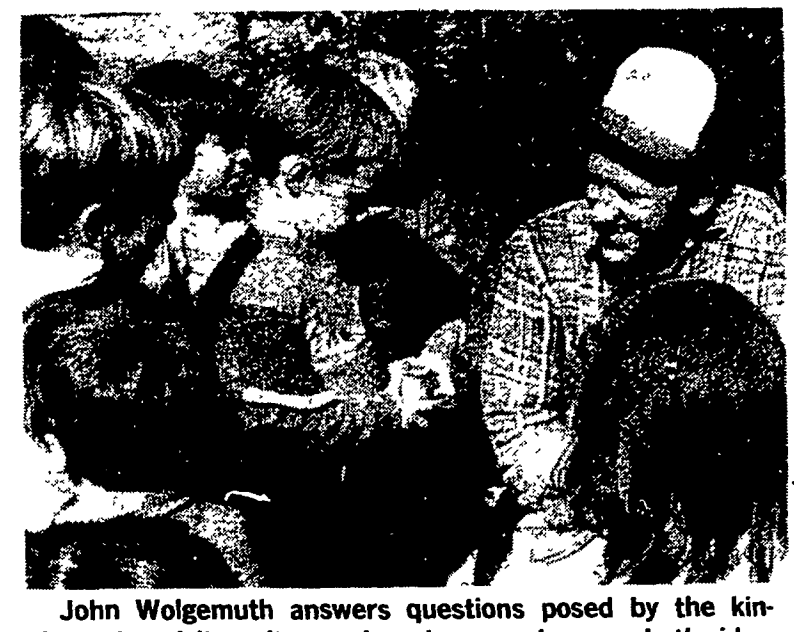
The Fruit Market began on the back of a truck, when they sold produce from their orchard. It first expanded into carrying groceries and other produce and now they also carry a large amount of bulk items and frozen foods. "Country people especially like the bulk items," Lloyd said.

During the summer they employ from 8-10 people and in apple picking season that increases to 16-18. Lloyd explained that the apples are hand picked from the 20-25 acres of trees they have.

John added, "We grow what we can sell at the market. We have about 60 acres of fruit."

The Wolgemuths entertain about 10-12 classes of children a season. They said they enjoy the visitors and feel it's an interesting experience for them. As the children carried off their hand picked treat, it was evident that it was also an enjoyable experience.

Look at all those apples! These kindergarten children from Mill Road Elementary School are fascinated by all the apples at Wolgemuths.



John Wolgemuth answers questions posed by the kindergarten visitors. It was a learning experience on both sides, and John left them with the advice that an apple a day will keep the doctor away.

APHA names Gold Seal sires

KANSAS CITY, Mo — Five Polled Hereford bulls have achieved the Gold Seal Award for their performance in the feedlot and carcass phase of the American Polled Hereford Association's Superior Sire Program.

The new Gold Seal Siresare RWJ Victor 266 HH33, owned by Robert P. Shapard III, Griffin, Ga.; EBG Victor 373 14G, owned by E. B. Gee Ranch, East Prairie, Mo., and Circle B Ranches, Bay Springs, Miss.; GK Justification, owned by Glenkirk Farms, Maysville, Mo., Master Key Place, Fulton, Mo., and Stonen Farms, Scottsdale, Ariz.; Wild Cat Sundance 7K, owned by Glenkirk Farm, Kal-Kota Polled Herefords, Steele, N.D., and Wild Cat Ranch, Lipton, Sask.; and JW6 Paragon 169F 18H, owned by JW6 Ranch, Clackamas, Ore.

The Gold Seal testing program gives nation-wide comparisons of some of the country's top bulls, according to APHA Director of Education and Research Dr. Jim Gibb. Birth weight, growth rate and carcass merit are measured in test herds where the calves sired by all bulls have an equal opportunity to perform. The bulls are ranked on their ability to sire calves with a greater amount of lean growth, and Gold Seal Sires have proven ability to sire such calves.

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Kid's Korner

Horses respond to gentle treatment

Kids, if you're a horse fancier, you'll enjoy the second part of our horse care series. If you missed last week's story, you'll want to dig out that issue and read it, because it gives you practical advice on winterizing your horse. This week, we are featuring gentle treatment for your horse.

It takes patience, careful handling and skill to train a horse. Given the right treatment, a frisky foal develops into a friendly obedient horse that responds quickly and with animation.

Start the gentling process early, recommends University of Delaware equine specialist Dr. C.M. Reitnour. Build the foal's confidence with frequent, gentle handling and it will lose its fear.

In the early weeks and months, as the young horse gradually becomes accustomed to handling, daily training sessions should be short but repeated frequently. Horses learn by repetition, and in step-by-step order, from haltering, to leading, to responding to voice commands. A half-hour lesson every day is ample, says Reitnour.

The best classroom for a foal is a

(Turn to Page B12)

Just as you need recess at school as a break from studying horses deserve time to play after a lesson, too. A half-hour lesson every day is ample with short but repeated lessons.

Given the right, gentle treatment, a frisky foal develops into a friendly, obedient horse that responds quickly and with animation. The best classroom for a foal is a small pen away from distractions.

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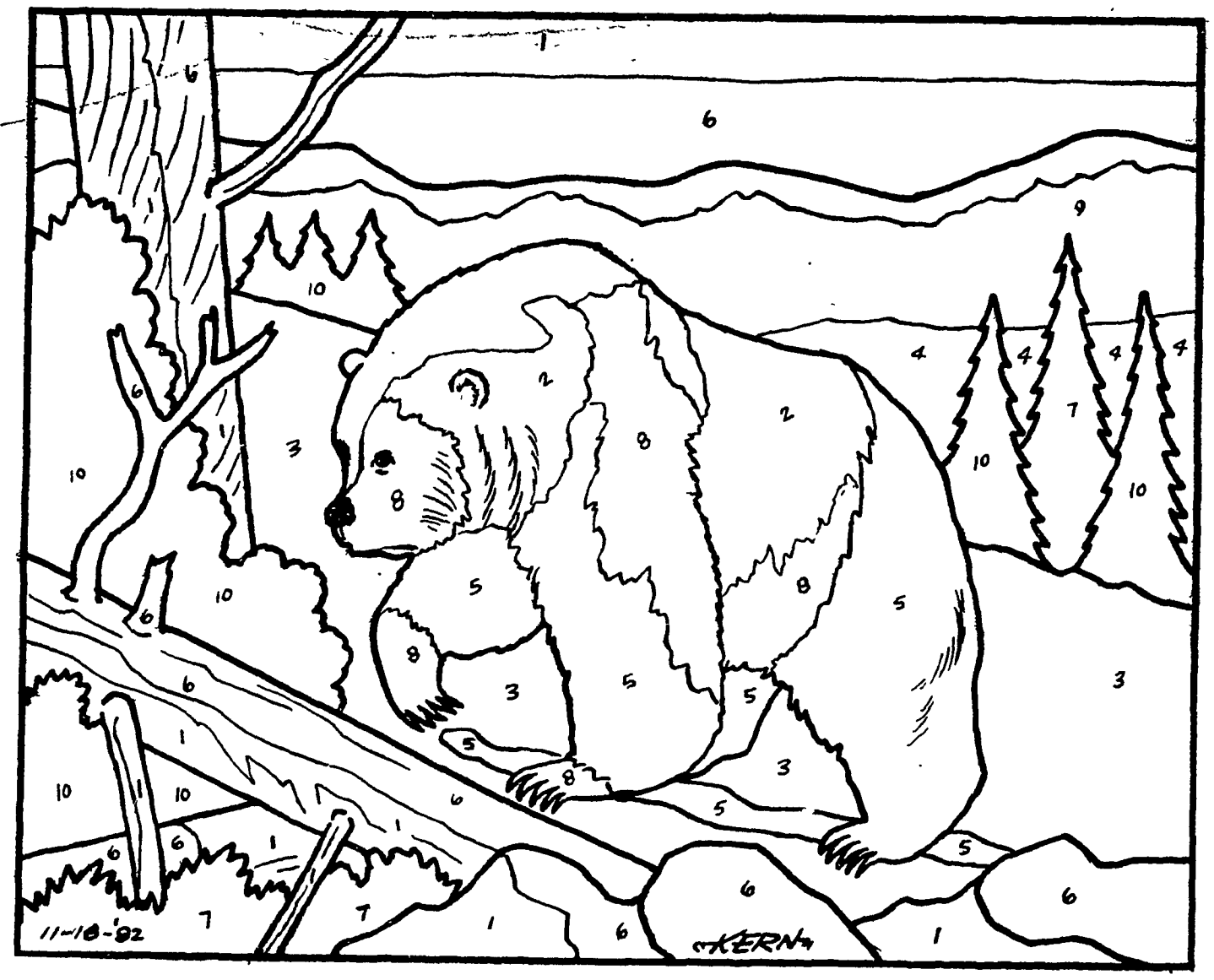

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P225/75R14(HR78-14)	3-24242	59.88	2.62
P-205/75R15(FR78-15)	3-24404	59.88	2.46
P215/75R15(GR78-15)	3-24420	62.88	2.62
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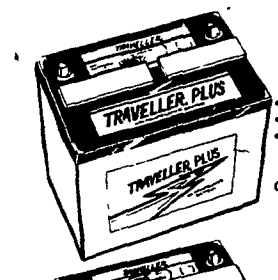
P235/75R15(LR78-15)	3-24501	69.88	2.95



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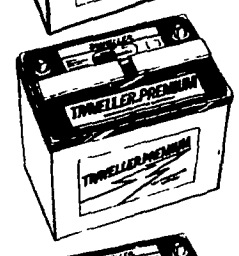

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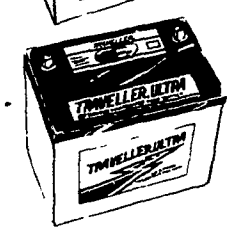

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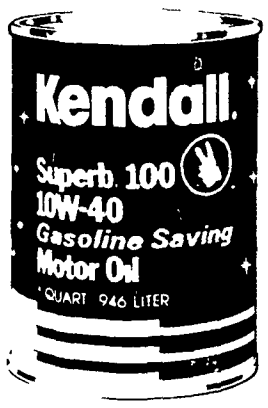

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- Protects Against Engine Rust and Corrosion
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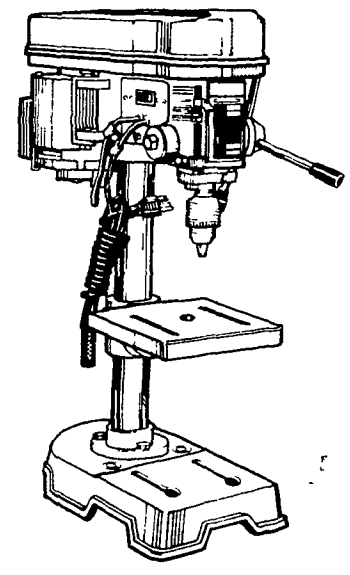

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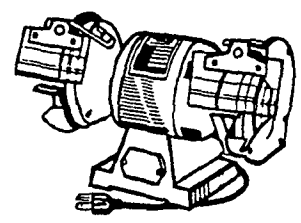

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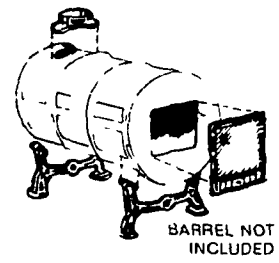

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YORK, 2400 West Market St., 717-792-0014
MARYLAND, WESTMINSTER, 119 Railroad Avenue, 27 East Manchester Road, 301-848-2060

We reserve the right to correct printing errors and limit quantities.

Dairy industry begins "Pleasin' Season"

CAMP HILL — It's that time of year again. That time when the days seem to pass more quickly, as the holidays draw near.

Customarily, the holiday season brings friends and family together to enjoy good times over good food. And to help promote that good food, the American Dairy Association launches their annual "Pleasin' Season" campaign.

The "Pleasin' Season" promotion, was designed to aid both grocery store, and convenience store managers in moving even more dairy products, during a traditionally high diary usage period when customers entertain more, increase consumption, and seek out new recipes. The promotional period begins in mid-November with point-of-purchases displays being installed in the stores. It will continue throughout the month of December.

"Pleasin' Season" advertising includes promotion-oriented broadcasts and high visibility print. It starts in November as a reinforcement to the dairy section displays.

The point-of-purchase materials themselves aim to create a total dairy aisle event, bringing added traffic, and inviting impulse sales by using appetite-appeal photography. Besides tempting photos, the package includes, colorful mobiles and attention-getting top of case headers, new and different recipe sheets, and brand new product usage cards which will encourage go-together sales. Managers also receive newspaper clip art, featuring "Pleasin' Season" dairy recipes, to include with their advertisements for dairy specials, and a choice of two free carton art labels from their carton supplier.

Though it is still early in the season, approximately 950 grocery stores and 500 convenience stores in the Atlantic area, have already contracted to take advantage of the "Pleasin' Season" promotional package. It looks like this is going to be a very prosperous "Pleasin' Season."

Displayed in a convenience store, left, the "Pleasin' Season" point-of-purchase materials encourage added dairy sales.

U. of Md. slates dairy technology day

COLLEGE PARK, Md. — The University of Maryland and the Md. Cooperative Extension Service will present the 38th Annual Dairy Technology Conference on Wednesday, Nov. 10 in the Adult Education Center at College Park.

The conference has been developed to provide the most recent information in interest areas to individuals actively involved in the Dairy and Allied Industries.

The morning session includes discussions on: Ropy organisms in raw milk supply; ADV in raw and pasteurized milks; analytical method for determination of lactose, glucose and galactose in hydrolyzed milks; and the pros and cons of PI counts, plus comments from regulatory and trade agencies.

Afternoon discussions will include: dairy industry outlook; protein pricing; employee training for better shelf life; sterile milk systems.

Conference participants will close the day with the joint dinner meeting of Maryland and District of Columbia Dairy Technology Society at the Holiday Inn at the intersection of Route 495 and Route 1.

Registration fee is $15 per person. For more information, contact Dr. J.F. Mattick, Dept. of Dairy Science, Animal Sciences Center, University of Md., College Park, Md. 20742 or call 301-454-3928 or 3929.

Give horses gentle treatment

(Continued from Page B10)

small pen away from distractions. Handle the foal firmly but gently. Let it know it has nothing to fear by frequent hand rubbing, and brushing with a soft brush. Pick up the feet and hold them for short periods. When the animal has learned to eat grain, letting it eat a little from your hand also helps it gain confidence in you.

Reitnour recommends halter training beginning as early as one or two days of age. Two people should gently ease the animal into a corner of the stall for haltering, then gently pull the haltered animal to one side.

As soon as the horse takes a step or two in the right direction, ease the pull and reward it with petting and a taste of grain. Then pull it to the other side. Usually after eight or 10 lessons the foal understands what it is expected to do.

Only after the foal has mastered the first lesson can you proceed to the next, which is placing a non-skid loop over the animal's hind quarters to teach it to lead promptly.

There are no shortcuts to training a horse, Reitnour says. An animal must master many lessons before you can consider riding it. But a trainer who is firm, gentle and patient is ultimately rewarded with a cooperative and gentle horse.

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PREMIUM SINGLE CROSSES

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- SX-600 - Fast Dry Down Corn, Excellent Sheller, Excellent Standability, 107 Days
- SX-405A - Short Season, High Yield Potential 100 Days ★ Top 3 For The Past 3 Years At Penn State Trials
- SX-520A - First Year in Trials, Placed Third, Class 2 105 Days.

Baler Twine - Fertilizer

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#1 in plot of 18 varieties including Pioneer - Saranac AR - DeKalb

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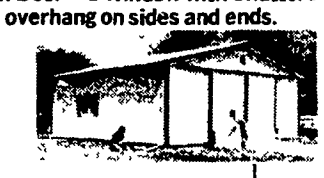
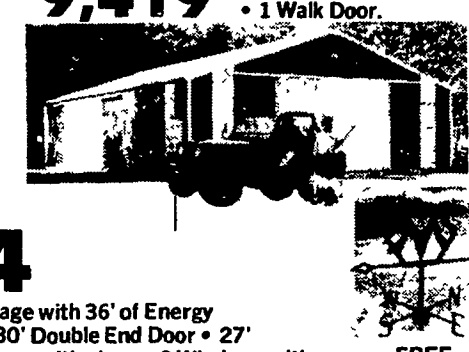
$5,207 24'x9'x36' Suburban Building.
Includes: 12'x9' Double End Door
• 1 Walk Door • 1 Window with Shutters
• 1 foot overhang on sides and ends.



$9,419 42'x10'6"x63' Utility Building. Includes:
21'x12' Double End Door
• 18' Double Side Door
• 1 Walk Door.



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60'x14'6"x126' Machine Storage with 36' of Energy Performer™ Shop. Includes: 30' Double End Door • 27' Double Side Door • 2 Walk Doors with glass • 2 Windows with Shutters • 1 foot overhang sides and ends. 36'x60' Shop includes vented attic, 6" of batt insulation in ceiling and side walls and steel liner. No concrete floor included.

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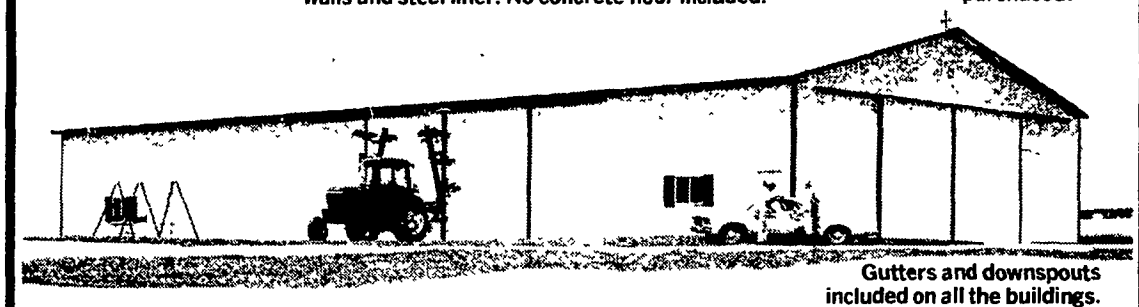

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Phone No. _____

Provide home storage for fruits

LANCASTER — Storage is an important part of the business of growing fruits and vegetables in your garden.

Many fruits and vegetables can be stored for extended periods of time provided they are given the proper temperature and moisture conditions. Crops held in storage are kept alive but made dormant by their environment. Producers interested in realizing top returns should give careful consideration to preserving quality beyond the harvest season.

Vegetables that require cool to cold, moist surroundings can be stored in any one of several types of outdoor storages. These can range from simple earth mounds to elaborate root cellars. Sometimes an insulated box or plastic container can be buried in a well-drained area and provide easy access. A small insulated room built in the northeast corner of a basement using a window for ventilation has been successful.

Guidelines and plans on these and other items such as specific storage conditions for fruits and vegetables are included in a 32-page handbook "Home Storage of Fruits and Vegetables." This handbook is available at a cost of $1.25 from Penn State's County Extension offices or send order and check payable to The Pennsylvania State University to the Agricultural Engineering Department, 204 Agricultural Engineering Building, University Park, PA 16802

up to $2000.00

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NEW AND USED EQUIPMENT

NEW TRACTORS

Stock No.	
11163	1200 Ford 4 WD
09891	1300 Ford 4 WD
10142	1300 Ford 4 WD
09890	1500 Ford 4 WD
10353	1900 Ford 2 WD
10576	3600 Ford All Purpose
11736	4610 Ford All Purpose
11690	4610 Ford 8x4 Trans.
08867	5600 Ford 16 Speed
11752	7610 Ford All Purpose
11701	7610 Ford All Purpose Dual
11133	7700 Ford Flat Deck
12156	TW20 Ford 135 HP
09929	B7100 DT Kubota 4 WD
09942	B6100 E Kubota
10036	B6100E Kubota
10687	B6100 E Kubota
10533	B7100 HSE Kubota
11337	B7100 HSD Kubota
11511	B7100 HSD Kubota
11530	B7100 HSD Kubota
11534	B7100 HSD Kubota
11535	B7100 HSD Kubota
11544	B6100 HSD Kubota
11564	B8200 E Kubota
11565	B8200 E Kubota
11814	B6100 DT Kubota
11819	B8200 E Kubota
11820	B8200 E Kubota
11853	B8200 DT Kubota
11861	B8200 DT Kubota
11862	B8200 DT Kubota
11876	B7100 DT Kubota
11888	B7100 DT Kubota
11890	B6100 DT Kubota
11891	B6100 DT Kubota
11892	B6100 DT Kubota
11978	B6100 DT Kubota
11994	B6100 HSE Kubota
11995	B6100 HSE Kubota
12084	B6100 HSE Kubota
12085	B8200 DT Kubota
12086	B8200 DT Kubota
12087	B7100 DT Kubota
12088	B7100 DT Kubota
12091	B7100 DT Kubota
12092	B7100 DT Kubota
12174	B5100 DT Kubota
12175	B5100 DT Kubota
12192	B6100 DT Kubota
12191	B6100 HSE Kubota
12187	B6100 HSD Kubota
12188	B6100 HSD Kubota
12190	B7100 HSE Kubota
12181	B7100 HSE Kubota
12186	B7100 HSE Kubota
12180	B7100 DT Kubota
12185	B7100 HSD Kubota
12182	B7100 HSD Kubota
12189	B8200 DT Kubota
9591	L285 F Kubota
10014	L185 T Kubota
10701	L185 T Kubota
10739	L245 Kubota
10740	L245 Kubota
10743	L245 Kubota
11036	L305 DT Kubota
11477	L275 DT Kubota
11647	L345 DT Kubota
11695	L345 DT Kubota
11865	L335 DT Kubota
11979	L345 F Kubota
12184	L235 F Kubota
12177	L235 F Kubota
12176	L275 F Kubota
11694	M7500 DT Kubota
12066	M4050 DT Kubota
06001	B5100 E Kubota
06002	L245 DT Kubota
06060	M4500 DT Kubota
06058	M7500 DT Kubota

USED TRACTORS

Stock No.	
10685	Ford 960 Gas 42 HP
11437	Ford 901 SOS 42 HP
11522	Ford 2000 D 32 HP
12022	Ford 8000 Dual Power 105 HP
11436	Ford 601 D 35 HP
09136	Ford 901 D 42 HP
11948	Ford 4000 SOS Gas 45 HP
12002	Ford NAA w/Mower
09910	Farmall A
11971	Allis Chalmer w/Cult.
10727	Farmall Super C
11500	Massey 1100-D 92 HP
11505	Massey 178-D
11502	Allis Chalmer 190XT 90 HP
11801	Farmall H
12043	International 140
12020	Massey 245-D
12129	International B414
10190	Satoh 27 HP 650
10727	Farmall Super C
10852	Massey Skid Loader
11500	Massey F. 1100D
11502	AC 190XT
11505	MF 178D
11801	Farmall H
11938	Case TLB
11971	AC Tractor
12004	L225 2WD Kubota
12011	B6100E Kubota
12020	MF 245 Diesel
12031	Kubota B7100 w/Loader
12064	Wheelhorse 8 H.P. w/Mower
12229	L185 Kubota 2WD w/Loader

HARROWS & CULTIPACKERS

Stock No.	
8180	9' Cultipacker
9267	9' Set Disc Harrow
9734	Pull Type Disc Harrow
10837	10' Cultipacker
11951	7½' Double Cult.

DISCS & CULT.

Stock No.	
10490	Ford 240 Disc (New)

NEW EQUIPMENT MISC.

Stock No.	
12152	Cordwood Saw 3 Pt. PTO
6066	Hincker Cab Fit 5000 & 7000
6067	Hincker Cab Fit 5000 & 7000
6314	Freeman Manure Fork 45"
6382	6' Ford Belly Mower
6929	6' Ford Belly Mower
7442	Centry Heater 160 HP
7569	RC-2 3 Pt. HD Crane
7570	RC1 3 Pt. Rear Crane
7571	RC1 3 Pt. Rear Crane
7572	RC1 3 Pt. Rear Crane
7744	McCurdy Auger Grain Elev.
7883	Freeman Dirt Plate
8141	Boom Pole
8142	Boom Pole
8148	Boom Pole
8149	Boom Pole
8253	Midwest 5'11" Lift Harrow
06028	Dunham Fork Tooth Kit
9205	Dunham 66" Comb Bucket
9229	Mott Mower
9690	Danuser Auger 18"
9756	Hanson 3 pt. 24 Gal. Sprayer
9757	Hanson 5' Boom
10098	Ber Vac 60" 3 Pt. Blower
10234	Ber Vac 48" Rear 3 Pt. Snow Blower
10235	Ber Vac 48" Rear 3 Pt. Snow Blower
10313	Dynco 6' Manual Angling Blade
10366	Danuser Log Splitter
10368	Electric Wheel Wagon
10369	Electric Wheel Wagon
10573	Leinbach Gyro Seeder Spreader
10793	Dunham Lehr Loader 64 100D
10794	Dunham 60" Material Bucket
11237	Dunham 48" Fork Lift
11229	Dunham Lehr Loader 30100
11247	Cain 9 Shank Tiller
11294	Leinbach Subsoiler
11449	Danuser 12" Auger
11504	MGS Trailer 50122
11523	Kelley Backhoe
11719	Ferguson Mini Tiller
11771	Leinbach Carry All
11772	Leinbach Carry All
11949	Landall 5 Tooth Chisel Plow
11975	22 Gal. Sprayer
11976	22 Gal. Sprayer
11977	50 Gal. Sprayer
12007	3 Pt. Chipper
12032	Kelley 6'6" Backhoe
12033	Dunham Lehr Loader
12034	Dunham Lehr Loader
12035	Dunham Lehr Loader
12037	Dunham Lehr Loader
12040	Dunham 66" Bucket
12041	Dunham 66" Bucket
12127	Cann's 18 Cu. Ft. Cart
12161	3 Pt. Sprayer
12167	Potato Plow
12168	Potato Plow
11846	Woods L59 Mower

USED EQUIP. MISC.

Stock No.	
5367	Sauder B Loader
7218	Sauder D Loader
8275	Sauder
6032	Sauder For 5000
10180	Sauder For Ford
11008	Sauder
11558	Sauder FHV w/Bucket
11556	Sauder D-2
11111	Ford CL40
10842	ST 84 Snow Blade
11717	ST 90 Snow Blade
11692	Cordwood Saw Pulley Type
7965	Ontario Drill
11588	Conditioner
5526	Conditioner Ford
11950	Roller 7'
3831	Ford 601 Mounted 2 Row Picker
10770	JD 3 Pt. Tiller 60"
12017	Rotavator 99 Roto Hoe
7451	Running Gear (Blue)
4458	Ford 601 Pull Type Picker
9665	Ford 311 4 Row Corn Planter
9768	IH 2 Row Planter 3 Pt.
12252	JD 205 Mower 3 Pt.
12304	Curtis Cab (For Kubota)

NEW SICKLE BAR MOWERS

Stock No.	
10220	Ford 501 7 Ft.
10216	Ford 501 7 Ft.
10218	Ford 501 7 Ft.
10217	Ford 501 7 Ft.
10222	Ford 501 7 Ft.
10225	Ford 501 7 Ft.
10227	Ford 501 7 Ft.
10226	Ford 501 7 Ft.
10223	Ford 501 7 Ft.
10224	Ford 501 7 Ft.

NEW PLOWS

Stock No.	
02731	101 Ford 3 Bottom 14"
06908	101 Ford 3 Bottom, 14"
09069	101 Ford 3 Bottom, 14"
06901	101 Ford 3 Bottom, 14"
08237	101 Ford 3 Bottom, 14"
08235	101 Ford 3 Bottom, 14"
06903	101 Ford 3 Bottom, 14"
07828	Ford 2 Bottom
07824	Ford 2 Bottom
11924	Leinbach 14" 2 Bottom, 82-14
11923	Leinbach 14" 2 Bottom 82-14
11927	Leinbach 1 Bottom, #81
11925	Leinbach 1 Bottom, #81
11926	Leinbach 1 Bottom, #81
11295	Leinbach 1 Bottom, 16", #20-C
10803	Leinbach 1 Bottom, 12", #M19-12
09536	151 Ford Auto Reset Plow
10569	Leinbach 1 Bot. 12'

USED PLOWS

Stock No.	
8130	Ford 3 Pt. 2 Way Single
8756	Ford 118 - 4-16"
8813	Ford 130 - 4-14" 3 Pt. Hitch
6051	Ford 130 4-16"
9668	Ford 118 4-14"
10357	JD 3-14"
11710	2 Bot. Trailer Plow
9132	Oliver 4 Bot. 16"
9838	Ford 101 4-14"
8130	Ford 3 Pt. 1 Bottom
11816	BN Plow
8132	Oliver 4 Bot. 16"
10639	2 Bot. Trailer Plow

REAR BLADES - NEW

Stock No.	
12079	Woods RB5 5 Ft.
12076	Woods RB5 5 Ft.
12078	Woods RB5 5 Ft.
12056	Woods RB5 5 Ft.
12057	Woods RB5 5 Ft.
10873	Woods RB5 5 Ft.
10872	Woods RB5 5 Ft.
11751	Woods RB800 8 Ft.
11750	Woods RB7 7 Ft.
11749	Woods RB7 7 Ft.
11765	Leinbach LM5 5 Ft.
11766	Leinbach LM5 5 Ft.
11769	Leinbach LBR7 7 Ft.
11763	Leinbach LM5 5 Ft.
11762	Leinbach LM3 3 Ft.
11764	Leinbach LM5 5 Ft.
12089	Leinbach LM6 (Used) 6 Ft.
10453	ARPS AB250
11734	ARPS AB350
9490	ARPS 7' Blade
10060	ARPS M126 7' Blade

KELLER BROS. NO.1

(717) 949-6501

Video-taping with advisor

Pensive moment

Best of luck, Doug!

We're with you all the way

BY DICK ANGLESTEIN

UNIVERSITY PARK — On a beautiful, warm, sunny Indian Summer Sunday, Penn State students can be found in a variety of leisure activities.

Some are just strolling across campus, others reading under the multi-colored trees.

A few are tossing football and some just soaking sun – possibly the last summer-like of the year.

But one student was busy in a completely different kind of endeavor this past Sunday. He was subjecting himself to a grueling two hours of questioning and role playing that rivaled a Presidential news conference.

The student is Doug Hershberger, of Quarryville, Lancaster County, freshman in ag education.

Immediate past president of the Pennsylvania FFA Association, Doug is flying out this Sunday to Kansas City for the National FFA Convention and a run at a national FFA office.

Not since the mid-60's has this area had a national FFA officer and Doug has the best shot at it in more than a decade and a half.

Sunday afternoon's preparatory session was to help Doug get ready for the days of interviews and questioning he will endure during the coming week as he seeks national FFA office.

The session was arranged by Arbe L. Henry, Doug's vo-ag and FFA advisor at Solanco High School, who is taking a year's sabbatical at Penn State to study the Pennsylvania State Grange.

Henry arranged that the entire session was video-taped so that he and Doug could review it and make any last minute adjustments in the preparation.

Also participating were a couple of graduate ag students from the FFA program.

I sorta played devil's advocate and tried to throw a curve or two at Doug in the manner the national press corps sometimes tries to trip up the President.

From his knowledge of FFA and people in it, to questions on agriculture, to impromptu role playing, Doug handled himself in his typical exuberant style that has become quite familiar statewide as he traveled the banquet circuit during his tenure as State FFA President.

Probably two questions best revealed why this Southern Lancaster County FFA'er has gone so far in his yet quite young career.

If you could change one thing in your FFA career to date, what would it be?

This was one of the questions.

Doug thought awhile and replied that it was the guilt feelings that he felt for a long time when he didn't reach one of his personal goals in FFA – winning the National Public Speaking Contest.

Doug brought out this fact in his farewell address at Penn State when he stepped down as president last June. And anyone that heard that speech knows that he was a "national winner" with the meaningful words he conveyed to his "constituents."

Arba Henry also asked Doug what he would think if he comes home and doesn't achieve the national office.

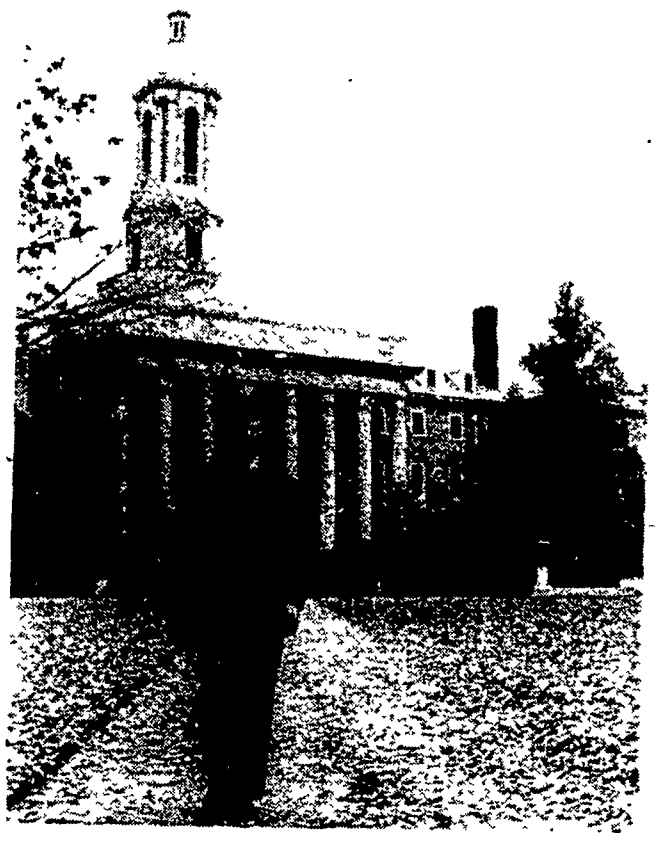
"As long as I know that I gave it my best shot, I have no fear," Doug said.

"And, I'll be richer for the experience."

With an attitude like that, ag is blessed with a budding leader who will make his presence known for the betterment of all agriculture in years to come no matter what the coming week brings.

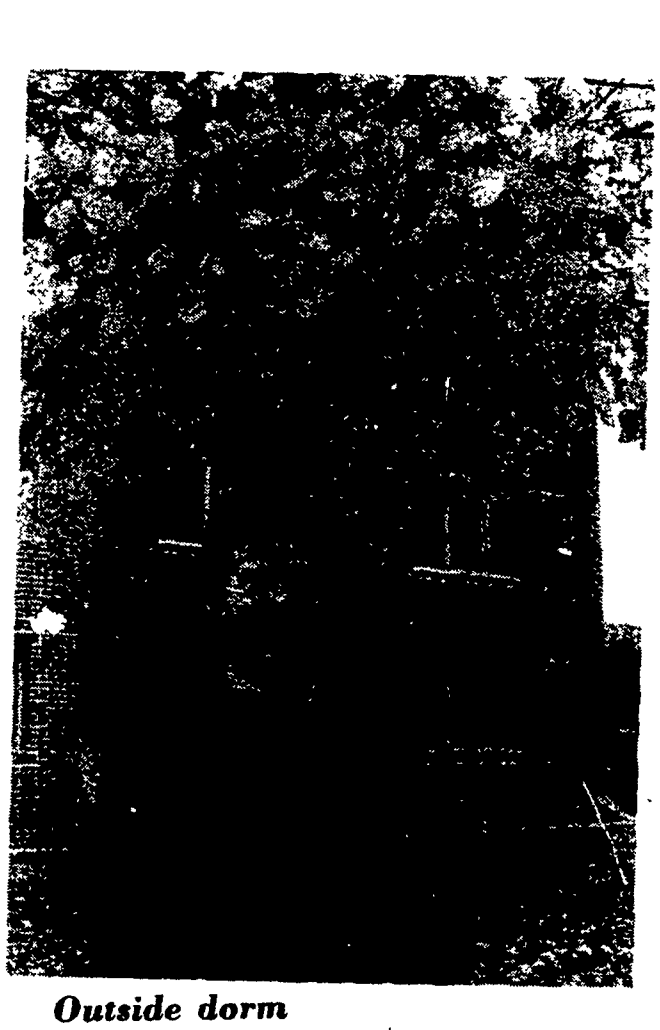
Best of luck, Doug.

We're with you all the way.



In front of Old Main

A Creamery cone



Outside dorm

Maryland is runner-up in soil judging event

COLLEGE PARK, Md. — A University of Maryland student was runner-up to national champion Cornell in this year's recent Northeast regional collegiate soil judging contest.

The twenty-fourth annual event was held on Saturday, Oct. 9, in Rhode Island, with teams from seven colleges and universities participating. Host school was the University of Rhode Island.

Robert Pate, originally from Chattanooga, Tenn., led the Maryland soil judging team by garnering runner-up honors for the second consecutive year among some 50 individuals in the regional contest.

Kathryn Haering of College Park was seventh in the individual standings.

Other members of the Maryland team were Wendy Greenberg of Greenbelt and Joseph Schuster of Arnold. Barbara Truglio of Sayville, N.Y., was an alternate team member. All are agronomy seniors.

Team coach again this year was Delbert S. Fanning of Berwyn Heights, a professor of soil science at the College Park campus.

Fanning reported that this year's contest pits were located on silty glacial till, outwash and loess soils, derived from basic rocks close to the sea, near Tiverton, Rhode Island — not far from Buzzards Bay and New Bedford, Mass.

The Maryland and Cornell teams are now eligible to compete in the national collegiate soil judging contest next April in Ohio. That event will be hosted by Ohio State University.

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Del. ag college to hold beef barbeque

NEWARK, Del. — The annual beef "barbecue" sponsored by Alpha Zeta, a service society in the University of Delaware's agricultural college, will take place Saturday, Nov. 13, following the Delaware-West Chester football game. This year, for the first time, the event will be held in the university fieldhouse, which adjoins the football stadium.

Dinner will be served from 4 to 7 p.m. and features all the roast beef you can eat, along with barbecue sauce, green beans, potato salad, rolls and butter, fresh pressed apple cider and dessert.

Tickets are available from Alpha Zeta members. They will also be on sale Monday through Friday, Nov. 1-12, from 11 to 2 in the lobby of Agricultural Hall. Advanced tickets cost $5.75 ($3.50 for children under 12). Price at the door will be $6.

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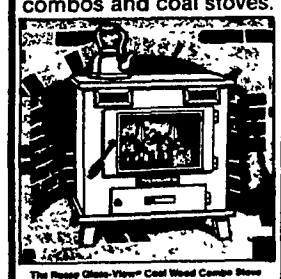

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Getting ready for convention

Senior members of the Manor FFA Chapter at Penn Manor High School, Millersville, who will be making the trip to Kansas City for the National FFA Convention during coming week include, from the left, Angie Booth, Dorothy Meyer, Tanya Green, Merv Keagy, Ed Bomberger, Dave Unruh, Jeff Gerlach, John Wiker, Steve Main, Scott Shertzer, Jay Funk, Brian Ressler and Dan White.

Trip winners to National FFA Convention from Manor Chapter, Penn Manor High School include, from the left, Jon Price, Dairy Products; Brian Hess and Jeff Breneman, poultry; Clarence Eckman Jr. and Mike Acord, Meats Judging.

Lancaster County FFA honors top members & supporters

NEW HOLLAND — Future Farmers of America chapters from throughout Lancaster County gathered Wednesday, October 27, at Garden Spot High School, New Holland, to honor their own top members and supporters of their year-round program.

The countywide program included an afternoon leadership conference, which was climaxed with an evening banquet.

Highlight of the banquet was the presentation of awards. Among award recipients were:

–Rose Reiff, of the Grassland Chapter, Garden Spot High School, for livestock.

–Mervin Keagy, Manor Chapter, Penn Manor High School, Lancaster County Red Rose Star Agribusinessman.

–Cliff Horning, Grassland Chapter, Garden Spot High School, Lancaster County Red Rose Star Farmer.

Greenhand winners in the FFA Quiz Contest conducted during the afternoon included Greg Kerdeman, Manheim, first; John Riley, Solanco, second; Kelly Eckert, Warwick, third.

Greenhand winners in the Creed

(Turn to Page B27)

Lancaster County Red Rose Star winners include Cliff Horning, Grassland Chapter, New Holland, Star Farmer; and Merv Keagy, Manor Chapter, Star Agribusinessman.

Second-place winner in Creed Contest is Kerry Myer, Manheim.

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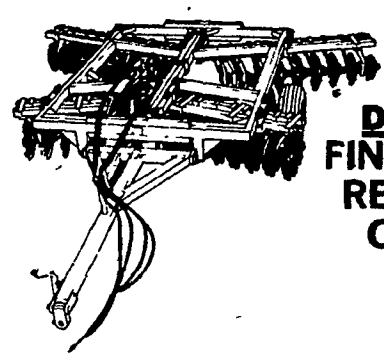
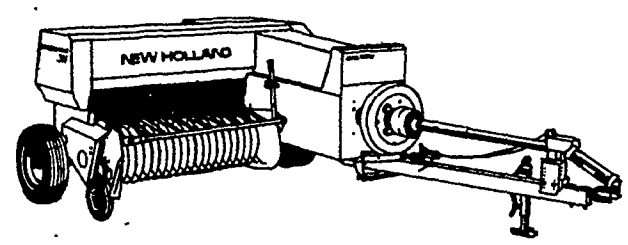
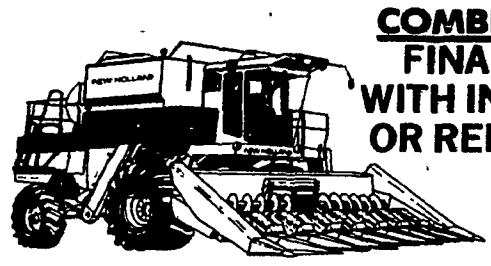


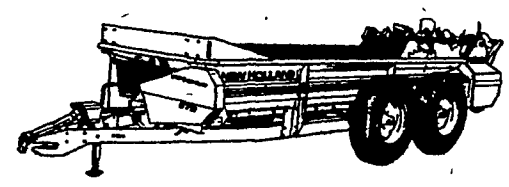
DISKS: WAIVER OF FINANCE TO 3/1/83 OR REBATES FOR CASH OF $350 TO $900.

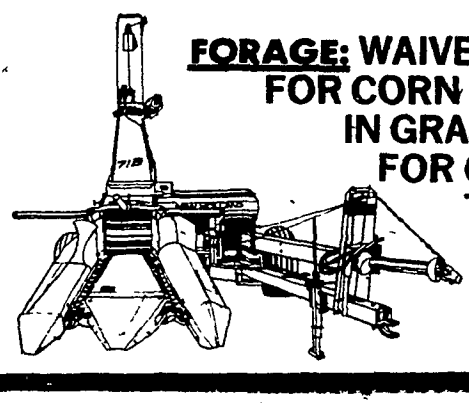


HAY TOOLS: WAIVER OF FINANCE TO 7/1/83 REBATES FOR CASH OF $1600 TO $100

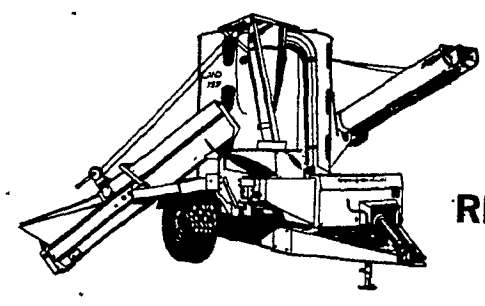


COMBINES: WAIVER OF FINANCE TO 11/1/83 WITH INTERIM PAYMENT OR REBATES FOR CASH OF $6000





FORAGE: WAIVER OF FINANCE TO 9/1/83 FOR CORN AND 6/1/83 FOR USE IN GRASS OR REBATES FOR CASH OF $300 TO $5000



SPREADERS / GRINDER-MIXERS: WAIVER OF FINANCE TO 4/1/83 OR REBATES OF 5% OF CASH PAID TO DEALER

Lebanon holiday program breaks 1500 mark

BY DEBBIE KOONTZ

LEBANON — Nothing is as popular as a snowy, snuggly Christmas in December. . .unless, of course, it's a crafty, hobby Christmas in November.

So popular in fact, that over 1500 homemakers in Lebanon County inked it on their calendars for last week.

At last year's annual homemaker's Christmas program, the 1140 attendants recognized the need for a four-day program after 200 were turned away. This year the program, held at the Prescott Fire Hall, was given five times: Monday through Thursday and half Tuesday evening and half Wednesday evening for those who work during the day. And, according to Karen Sandoe, Lebanon Extension home economist, they are already preparing next year's program.

First on the day's schedule was Sherry Kalbach of Lebanon presenting "St. Nick Nacks," — a gathering of crafts recycled from scraps found in a garbage can. To illustrate and add humor to her work, she actually brought with her a garbage can full of bits and pieces and showed what she made with each.

Holidays in Williamsburg were brought to central Pennsylvania by Mrs. George Yerger Jr. who demonstrated how to have an old fashioned, colonial Christmas with fruits, flowers and dried goods.

Alletta Schadler, Extension home economist decided it was a "Cook's Holiday," and featured cranberries in her baking.

For Terri and Jerry Brown, DEVA Associaites, "It's that time of year already?" and to prove their point, they acted out a short, comical, theatrical expression on the holiday season.

For your enjoyment, we have included several recipes and craft ideas here, so you too can be ready when that holiday season comes:

FROZEN PUMPKIN TORTE

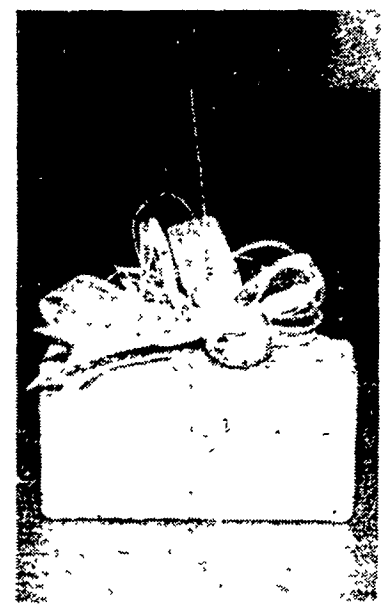
1 1/4 c. gingersnap crumbs
1/4 c. margarine, melted
1 8-oz. pkg. cream cheese, softened
1 c. sugar
3 to 4 T. brandy or 1 T. vanilla
1 t. pumpkin pie spice
1 9-oz. container whipped topping with real cream, thawed
1/4 c. chopped nuts

Combine crumbs and margarine; reserve 2 T. Press onto bottom of 9-inch springform pan or 9-inch foil cake pan. Chill.

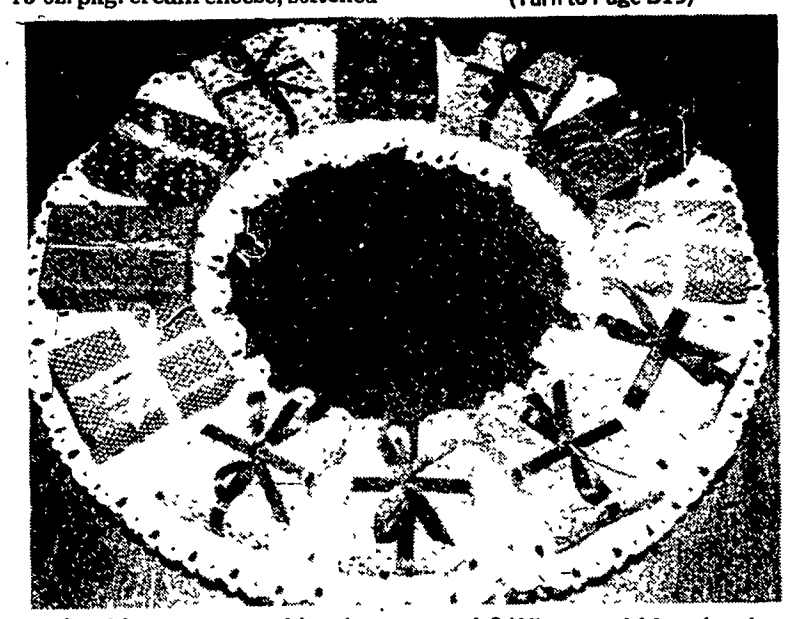
(Turn to Page B19)

Alletta Schadler, Lebanon Extension home economist renamed Christmas, a "Cook's Holiday" by presenting delicious and yet-so-easy dishes at this week's Extension holiday program. Some of her recipes are included on this page.

This is a rhombicuboctahedron. One good reason to make them this Christmas is because they're easier to make than to say. Another reason is that they creatively use up all those old Christmas cards.

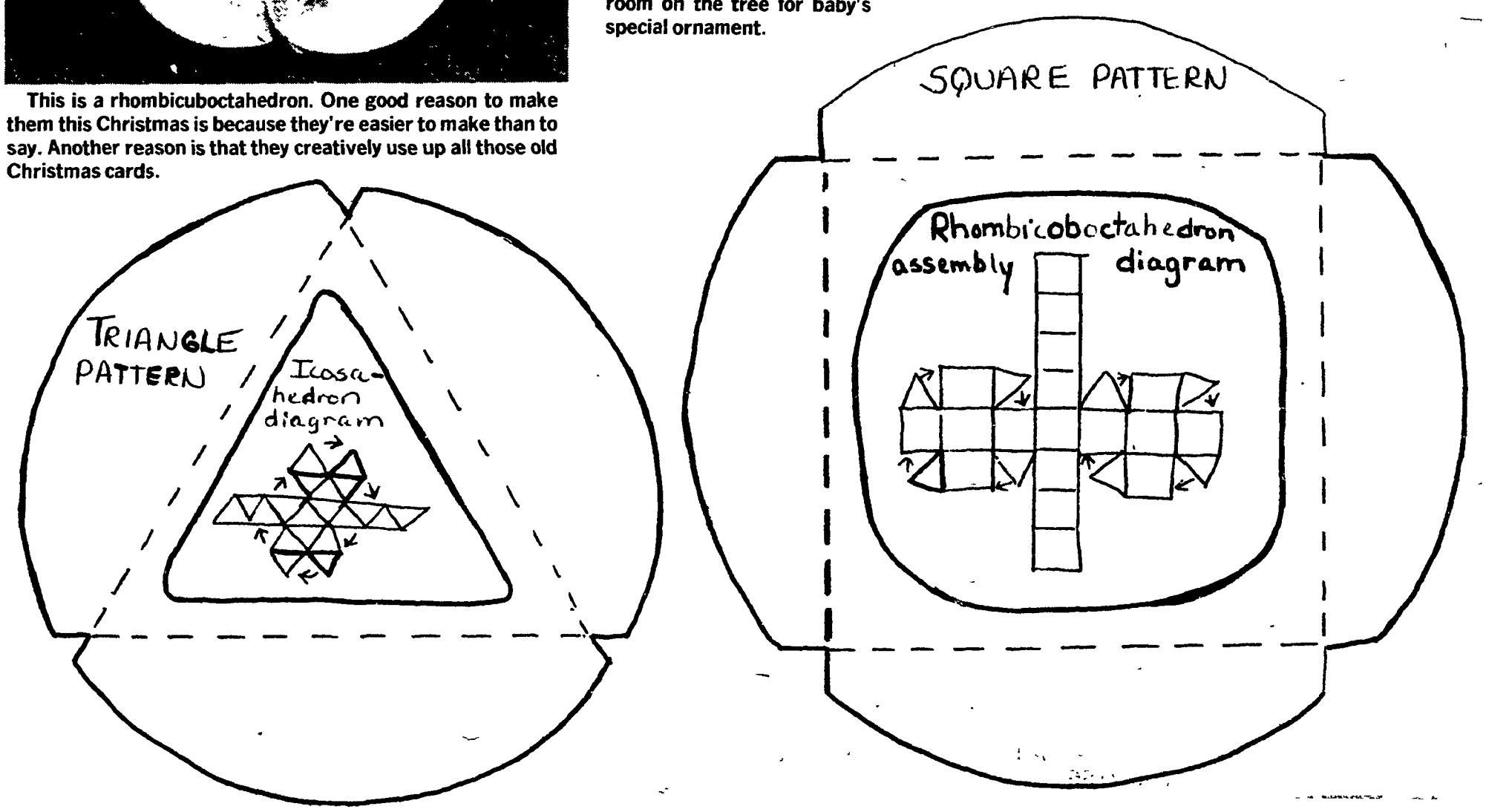


So cute, yet so simple. If you have a baby celebrating Christmas in your house, snatch two of his or her blocks, preferably his initials, and glue them together. Add a bow and a bell and reserve room on the tree for baby's special ornament.



Looking for a new idea for a wreath? What could be simpler than eyelet lace glued to a frame and topped with tiny wrapped boxes?

If you have an old rake lying around about to be thrown into the trash, save it! Sherry Kalbach of Lebanon has just the perfect idea for you. Paint it reds and whites and add styrofoam or cotton balls for a face and hat top.



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1,000	4'0"	10'8"	7	1,129	358.00
1,000	5'4"	6'0"	7	1,028	333.00
1,500	5'4"	9'0"	7	1,388	447.00
2,000	5'4"	12'0"	7	1,735	546.00
3,000	5'4"	17'11"	7	2,432	736.00
4,000	5'4"	23'10"	7	3,130	929.00
5,000	8'0"	13'7"	1/4"	4,484	1645.00
6,000	8'0"	16'2"	1/4"	5,123	1800.00
8,000	8'0"	21'6"	1/4"	6,475	2230.00
10,000	8'0"	26'10"	1/4"	7,825	2660.00
10,000	10'0"	17'0"	1/4"	6,956	2405.00
12,000	10'0"	20'6"	1/4"	8,074	2800.00
12,000	10'6"	18'7"	1/4"	7,900	2690.00
15,000	10'6"	23'2"	5/16"	11,857	3850.00
20,000	10'6"	31'0"	5/16"	15,105	4800.00
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280	36½"	5'	12	280	65
1,000	5'4"	6'	7	827	75 to 100
1,500	5'4"	9'0"	7	1,388	75 to 175
2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500
12,500*	10'	21'6"	1/4"	8,100	1375
15,000*	10'	25'8"	1/4"	10,200	1650
20,000	10'6"	31'0"	5/16"	15,105	2200

* Above ground

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3,000	5'4"	17'11"	7	2,312	300.00
4,000	5'4"	23'10"	7	3,010	400.00

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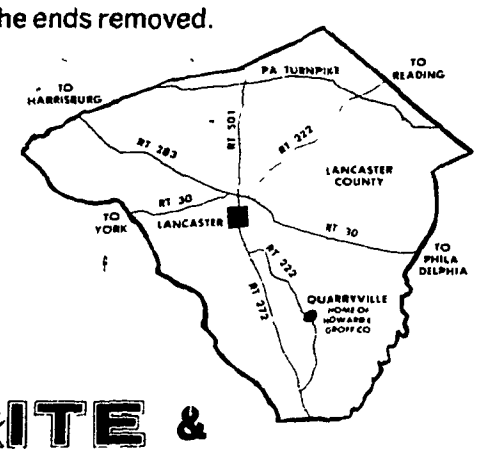

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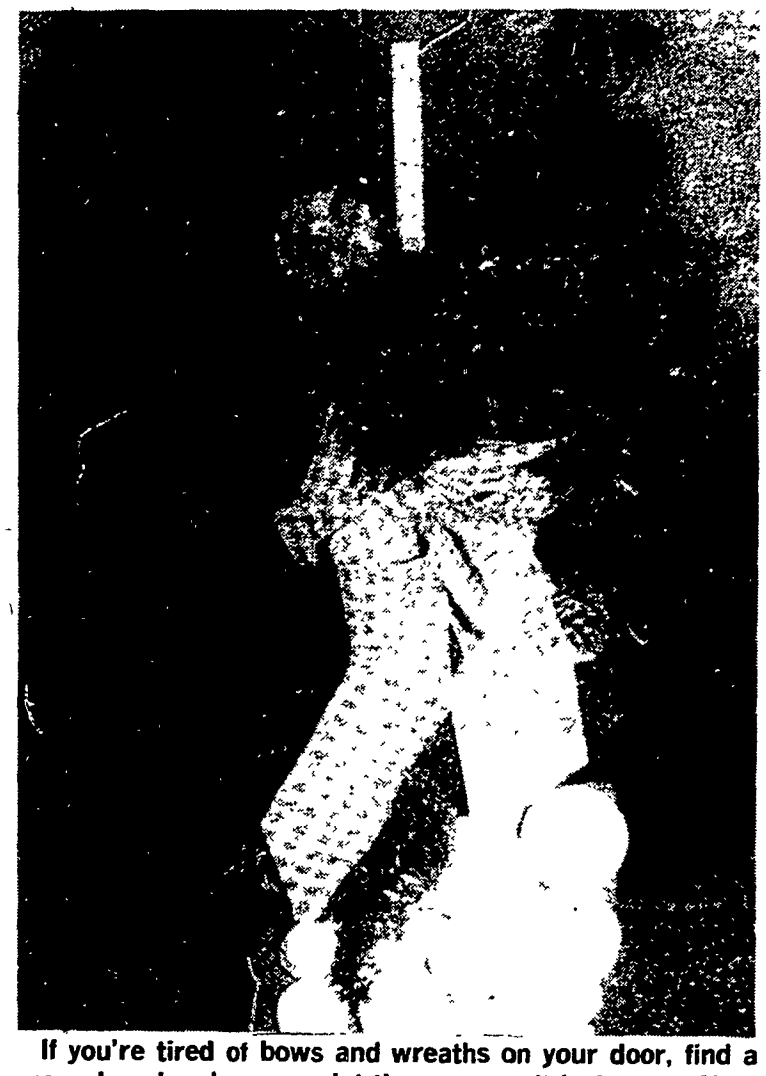


If you're tired of bows and wreaths on your door, find a snow shovel and spray paint the scoop so it looks new. Next buy some styrofoam balls and glue to the scoop to look like snow. Some fresh greens and a colored ribbon accent the handle.

Lebanon holiday program

(Continued from Page B18)

Combine cream cheese and sugar, mixing until well blended. Add pumpkin brandy and spice; mix well. Fold in whipped topping; pour over crust. Combine reserved crumbs and nuts; sprinkle over pumpkin mixture. Freeze. Cover. Place in refrigerator 1 hour before serving. Garnish with additional whipped topping, if desired.

Here's a crafty cooking idea for you to try this Christmas. Imagine your children's surprise when you tell then they're allowed to eat bread from a flower pot!

Flower Pot Nut Bread

6 3-inch diameter clay flowerpots
shortening
3/4 c. margarine
1 1/4 c. sugar
3 eggs
2 1/2 c. flour
2 t. baking powder
1 t. salt
1/2 c. milk
1/3 c. lemon juice
3/4 c. chopped pecans
2 t. grated lemon rind

To season flowerpots, wash pots; thoroughly grease insides of pots with shortening. Place on 15 1/2 by 10 1/2 inch jelly roll pan. Bake at 375 degrees for 10 minutes. Cool.

Beat margarine and sugar until light and fluffy. Blend in eggs. Add combined dry ingredients alternately with milk and juice, mixing well after each addition. Stir in nuts and rind. Cover bottom of each pot with circle of wax paper. Spoon batter into well greased pots. Bake at 350 degrees for 50 to 55 mintues or until wooden pick inserted in center comes out clean. Cool.

Note: Only bake breads in clay flowerpots which have never been used for any other purpose.

Decorate each pot with a colored ribbon and an evergreen or wrap some flowers in aluminum foil and insert into bread from the top.

Looking for foods that can serve as a delicious dish and a decoration all in one? Well, here's one such dish. You don't even need a centerpiece if you place this dish in the middle of the table.

Broccoli Salad

2 to 3 bunches of broccoli trimmed into medium florets with 1-inch stems
1/2 c. oil
2 T. chopped sweet pickle
2 T. chopped parsley
2 T. red sweet pepper
2 T. vinegar, tarragon, or wine
1 T. chopped chives, fresh or frozen
3/4 t. salt
3/4 t. sugar
garlic

Combine salad dressing ingredients in jar and refrigerate until serving time. Good made the day before.

Cook broccoli florets quickly until still crisp and still bright green. Plunge into ice water to stop cooking. Drain well and refrigerate until serving time. Arrange on platter or in glass bowl. Top with salad dressing. Garnish with fine chopped egg and pimiento slivers or red pepper slivers.

If you want to give lots of personalized gifts this year, why not go so far as to personalize the wrapping too? You can make those beautiful ribbons you see in craft shops very inexpensively by cutting strips of your favorite material and stiffening them:

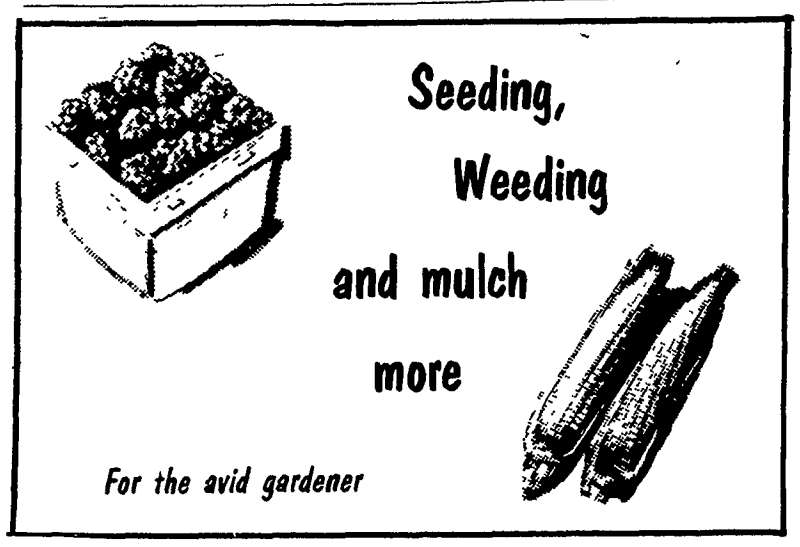
Glue-Stiffened Fabric Ribbon

Start with a mixture of 1/3 white glue to 2/3 water (add more glue for greater stiffness). Immerse the fabric until saturated then squeeze out excess. Spread the fabric out and hang to dry (spread newspaper underneath to catch drips if drying indoors).

Do you have a lot of old Christmas cards stuffed in your attic that you felt sure would come to some good use this year? Well, if you just hate to throw those beautiful cards away, then make a Christmas Georing with them. A picture and pattern for the ball appear with this article.

You can make a rhombicoboctahedron using 18 squares and 8 triangles, or a icosahedron of 20 triangles, an octahedron with 8 triangles, or a cube with 6 squares.

Simply cut out the pieces, fold at the dotted line, and glue or staple together. Be sure to fold the edges to the outside for special effect on the rhombicuboctahedron. Don't worry, it's much easier to make than it is to say!



Time to plant trees

"Fall is the best time for planting trees and shrubs because weather and temperature favor the establishment of the plants in their new locations," say horticuluture specialists at Penn State.

They thrive better, however, when the hole is dug twice as wide and deep as the root ball. Before planting, backfill the hole with a mixture of one part peat to two parts good topsoil, enough to raise the top of the root ball an inch or two above ground level. This keeps the plant from ending up below the soil line when it settles.

Place the plant and, if it is balled in burlap, loosen the rope and pull the burlap back. If the plant is in a container, loosen the roots. With bare-root plants, spread the roots out.

Backfill the hole about three-quarters full, tamp the soil lightly and water. Let the soil settle. Then complete the filling, leaving a saucer depression around the base of the plant to hold water. Water the plant thoroughtly.

Water the plants once a week. If the watering is poor, the plant won't be able to establish itself, no matter what else you do.

Newly planted trees do not have a root system that can support them so they must be supported by a stake, while the roots develop enough to support it. After about two years the stakes can be removed.

Young trees, especially thin-barked types such as dogwoods, maples and beeches, are susceptible to sunscald and bark-splitting. Prevent this by wrapping the trees with tree wrap from the base to just above the lowest branches. Leave the wrap on 2 to 3 years.

To learn more about the selection and care of trees for home landscapes, Penn State provides a course for you to study at home.

You can get a copy by sending $8.25, including postage to TREES, Department 5000, University Park, Pennsylvania 16802. Make check payable to Penn State.

1 in 20 farms run by women

LANCASTER — Visit 20 farms around the country and the chances are good that one of those farms will be operated by a woman, says researcher Judith Kalbacher of USDA's Economic Research Service.

Kalbacher recently analyzed results of the 1978 Census of Agriculture, the first census to publish statistics on the gender of farm operators. Those statistics became available last year when census results were released.

They show that women are the sole or principal operators of 128,000 or just over 5 percent of the nation's farms. Kalbacher also found evidence, from other sources, that most women are running farms today than just 10 years ago.

According to U.S. Department of Labor figures, the number of women working principally as farmers or farm managers doubled between 1970 and 1980.

"As farm operators, women contribute substantially to some types of agricultural production, and their numbers are growing," Kalbacher says.

She adds that the census provides only a partial count of women farmers. Census reporting forms allow just one operator to be named per farm, and it's the husband that's selected by most farm couples even though the wife may share the farmwork and management responsibilities. On the other hand, when women are designated as the operators, it typically means that they run the farm alone.

They're usually widowed, separated, or signle, or their husband just doesn't get involved in the operation, Kalbacher says.

Census figures indicate that women operators constitute 13 percent of all farmers in Hawaii, 10 percent of farmers in Florida and South Carolina, and 8 to 9 percent of farmers in several other states. Geographically, they're best represented in the South and Appalachian region.

Women make up more than 5 percent of farmers in every state in these two areas, and the 16 states combined take in more than half of all women farmers in the United States. Texas alone, with almost 12,000 female operators, has about 10 percent of the U.S. total.

Many women operators have small farms, whether measured by acreage or sales. Their units average about 285 acres, while farms run by men average 423 acres. Four out of ten female-operated farms are smaller than 50 acres; just 8 percent are larger than 500 acres.

Conversely, only two out of ten farms run by women reported more than $20,000 inf arm product sales in 1978, compared with four out of ten farms operated by men. A relatively large number of women farmers are older widows, which partly explains the smaller farm size, Kalbacher says. As farmers age, they tend to scale back their operations, regardless of sex. One out of three female operators in 65 or older, while only around one in six male operators fits into this age group.

Kalbacher also reports that women farmers are more common among blacks and other minorities than among white farmers, and that around half of both men and women operators did not report farming as their principal occupation.

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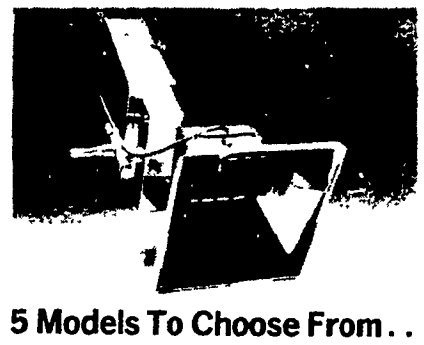

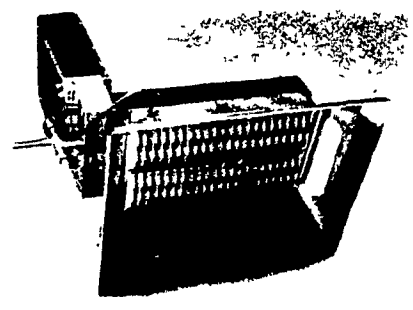

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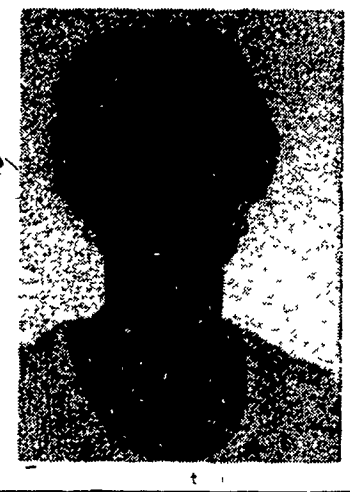

On being a farm wife -And other hazards

Joyce Bupp

Ever since the first cave dweller staked out a claim to a piece of hunting territory man has fought off invaders with designs on his property.

Endless wars have been—and continue to be—waged over territorial rights. Individuals sue in court and nations shoot at one another over sometimes tiny, but strategic, plots of earth. And the ongoing battles show no signs of diminishing.

As rural and urban areas have melded into common neighborhoods in recent decades, minor property infringements occur on a daily basis. Put two farmers, from just about anywhere, together to talk, and shortly they'll be swapping tales of property problems.

Some are totally innocent and relatively harmless, such as children carried away with youthful exuberance and a noisy motorbike that runs great through an emerging grain field. Or maybe it's a group of hunters so caught up in their sport they neglect watching for property signs.

More irritating and memorable are those incidents in which pure thoughtless inconsideration—or sheer, outright vandalism—play a part.

We once badly mangled the combine gathering mechanisms after "harvesting" a long-dead Christmas tree that had been disposed of several rows back in a cornfield.

In the same field, broad patches of once-lush alfalfa lie barren, smothered by deep piles of dead leaves and grass clippings dumped there by neighboring property owners with spotlessly raked lawns.

One field regularly holds a garden, uninvited, purposely planted there to keep it from taking up room in the gardener's adjoining back yard.

As if farmers didn't have enough of such expensive and irritating property headaches, now along comes the October issue of Yankee magazine with an article that has inflamed one farmer friend who mailed me a copy and asked what I thought of the idea.

The particular article in question poses a light-hearted look at the dilemma of modern mankind's steel and iron creations turning inevitably to useless rust. Among various suggestions for the recycling of such rotting items is one that details a use for rusty, old, clunker cars and trucks. This suggestion, complete with illustration, is dubbed "corn cruising."

"Ravaged old cars and trucks are perfect for corn cruising, too—churning in circles through autumn stands for uncut field corn, savoring the wildly exaggerated sensation of speed resulting from the lack of visibility and the flailing rush of brown cornstalks throwing themselves prostrate before the front bumper," says the article.

Makes you wonder how the perpetrator of such an idea would like a Steiger and massive chisel to cruise over his typewriter in high gear wide open?

The great goat give-away is on!

DORNSIFE — Someday Hill French Alpines of Dornsife will give away a registered doe kid to a lucky youth between the ages of 8 and 19.

The kid will be awarded at the Heart of Penn Dairy Goat Breeders' Co-op Spring Workshop in May of 1983. The contest offers a chance for a youngster to own a quality dairy goat for a 4-H or FFA project animal.

To enter, a contestant must write a composition of approximately 500 words stating why he or she would like to own the doeling and how they would care for it. Include name, address, birthdate and parents written permission if this would be the family's first goat.

After the finalists have been chosen, judges will visit each one's home to examine the facilities and interview the youth and family.

The winner will be notified by mid-March and if unable to atend the workshop will be responsible for crate and shipping if necessary.

In addition to the obligation to provide a proper healthful environment for the prize animal, the winner must agree to breed the doeling at the proper age and size to a registered French Alpine Buck approved by donors the Molaros of Someday Hill.

The winner also must return the first doe kid at weaning to the Molaros, which will be awarded in a future contest.

The prize animal must be shown in at least one official American Dairy Goat Association sanctioned show in 1983, preferably the Bloomsburg Fair or a show approved by the Molaros.

Deadline for entries is March 1, 1983. Send entries and inquiries to: The Great Goat Giveaway, c/o Someday Hill French Alpines, Rd. 1 Box 25, Dornsife, Pa. 17823. For additional information call 717-758-8359.

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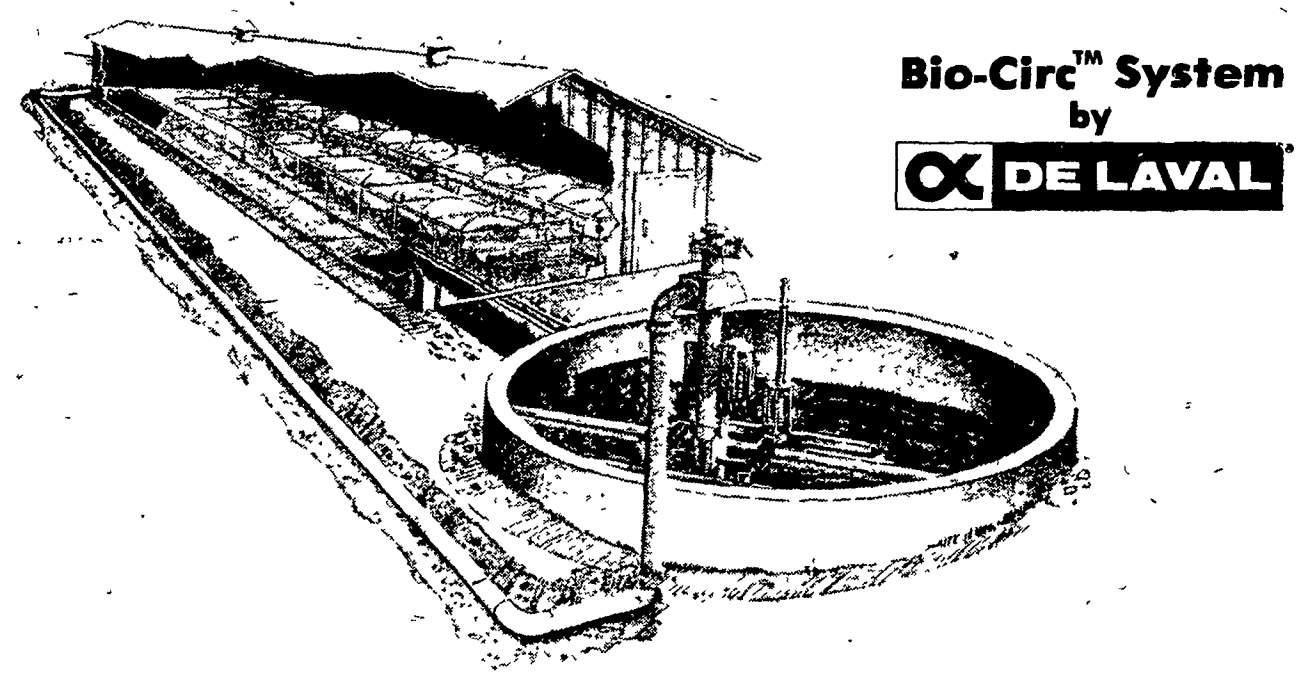

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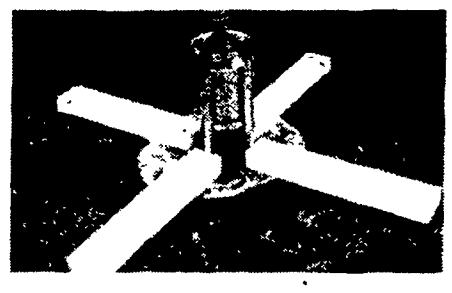

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This hybrid is bred for high yield potential. It has excellent stalks, seedling vigor, cob structure and high test weight. It compares to 3780 in maturity. During several growing seasons, 3747 has done a very good job on lighter soils where stresses have occurred. It may be planted at higher densities for top yields under irrigation. 3747 is well-adapted to Pennsylvania. Put 3747 in your "package" of leader hybrids.

3358

Every new hybrid should yield this good. 3358 outperformed every Pioneer hybrid it was tested against last season. This surprised a lot of people — but not those Pioneer corn breeders who have been closely observing 3358. Compared to competitors in 423 tests over a two year period, 3358 yielded 14.5 bushels per acre more corn at the same moisture. It averaged 6% stalk lodging compared to 12% for the competitors. A limited supply of 3358 is expected by 1983.

3535

Here's a real pacemaker that often "leads the pack" in its area of adaption. 3535 simply makes more corn than competitive hybrids of similar maturity. And at harvest it shells out load after load of medium hard textured, high test weight grain with a high yield to moisture level. Growers like its excellent standability and "stay green". It dries down fast to help make greater fuel savings. Include 3535 in your "package" of Pioneer hybrids.

3184

This hybrid is tough when it gets rough. 3184 shows tremendous resistance to drouth. It's adapted to most any soil type and farming practice. Growers like the seedling vigor and stalk quality. It performs best at populations of 19-23,000 plants per acre. 3184 is a real high yielding winner in southern Pennsylvania. This is a true "leader" hybrid... include it in your package of proven winners.

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Jon Cassel, right, posed with some co-workers from Zaire when he and his wife Beth spent two years living and working in that country with the Mennonite Central Committee.

Ag graduates labor two years in Zaire

By Martha Gehringer

DOYLESTOWN — Traveling by hanging onto the sides of a truck for miles, carrying large sums of money to the feedmill in a briefcase each month (despite the fact that the feed shipment may not be in), and maintaining a flock and hatchery of 300 chickens while living in Zaire, (in central Africa) does not sound like a holiday or a life two college graduates would choose.

Yet, these experiences were a part of the life of Jon and Beth Cassel for approximately two years while they lived and worked in Zaire under the guidance of, and in cooperation with, the Mennonite Central Committee.

Presently Jon works for the Paul Histand Company of Doylestown as a farm implement salesman. He joined the Histand organization upon returning from Zaire. Jon graduated from Delaware Valley College in 1976 as an animal husbandry major, but his origin goes back to Fairview Village, Montgomery County, and a farm in Icksburg, Perry County, where his family raised beef, swine, and cash and orchard crops.

Beth currently is employed as a herdsperson for Tom Walker, in Oaks, Pa., and occasionally works as a judge for various local shows. She, like her husband, graduated from Delaware Valley in 1976 as a dairy husbandry major.

Beth, formerly Beth Stevens, grew up on Stevens' Bros. Jersey farm in Wayne County.

Upon graduation and their marriage in the fall of 1978, they signed up with the Mennonite Central Committee for this opportunity.

The position in Zaire, which they readily accepted, became available in May. Following a two-week seminar on tropical agriculture and a six-month training session to learn the French language in Brussels, Belgium, they were ready for their destination in Zaire.

Their eventual location, Mbuji-Mayi, was 1000 miles inland and six degrees south of the equator.

Their arrival at the project brought the challenge of building and maintaining the flock of Rhode Island Red hens, running the store which sold supplies for the farmers, and distributing the chickens from the hatchery to the farmers of the area.

These farmers were in turn suppose to use the chickens to start their own flocks and supplement their diets with poultry and eggs. The main concern of the MCC with the program, was incorporating protein into the diet of the natives and easing some of the severe malnutrition in the area. The remedy to the problem MCC felt, was for the residents of the area to raise chickens. This would provide two forms of edible, high quality protein — eggs and meat, once the hens passed the egg laying stage.

The hatchery, also under the supervision of Jon and Beth, sold the young chicks to area farmers. Prior to their purchase of the chicks however, the farmers had to undergo a required training seminar to learn and acquaint themselves with the proper practices for raising the chicks.

The maximum number of chicks available to them was 20 at one time.

The job also involved running a type of farm supply store where feed, medication, and other supplies could be obtained.

The program was not without its problems, unfortunately. The main difficulties they encountered were the result of the newly-formed dictatorship, which was causing economic upheaval. The Zairian currency had become close to worthless and inflation was uncontrollable.

This resulted in turning what had once been a progressive country, with people planning beyond today, into a deteriorating country with people only living for today. The citizens of Zaire would steal food, such as their neighbors' chickens. The chickens might also wind up as the main dish for a celebration instead of their original purpose of being the start of a flock.

Inflation forced prices sky-high, making a bag of feed equivalent to a month's wages in some cases. The feed was also high priced since Zaire no longer could produce its own food and so had to be imported from South Africa. This detail also figured in the eventual demise of the poultry project.

Corruption also was rampant and the Cassels were not always on the winning side. At one point they discovered trusted employees had embezzeled in a matter of four months what would have equaled 14 years worth of salary.

After talking with the MCC, it was decided that the project was not fulfilling the original goal of making the Zairians less dependent on foreign money and personnel. Since the Zairians were not making the effort to take control of the project as planned, nor seriously incorporating poultry into their lifestyle, Jon and Beth decided it was time to return.

Another factor in their decision was the impracticality of the project in the rural areas. Since the government coup, the country had not made any advances, such as running electricity to the rural areas. For the project to be a success, electricity was needed for the incubator. Thus making the project unfeasible for natives far removed from the city.

Two things which the Cassels did initiate were raising rabbits as an alternative to poultry. The rabbits are high in protein, they are more prolific, and their food can be raised in Zaire.

They also encouraged the people of the area to raise more of their own food by using animal traction such as oxen.

Both of these projects have enjoyed success since their departure, according to the correspondence they have received from Zaire.

Following a frustrated two-month search for a responsible Zairian to take over management of the store, the community found someone for them two weeks prior to their departure. After training him, they packed their bags and left.

Their story doesn't end there however, for instead of flying straight home, they traveled through Zambia, Zimbobway, Botswana, and finally arrived in South Africa. Throughout their journey, they enjoyed the opportunity to visit farms and view first-hand the different techniques employed in the various countries. From South Africa they came home. They were fortunate to travel back by cargo ship, on which they earned their passage by working 8 hours a day.

Although they weren't entirely successful in their mission do to encounters with unsurmountable cultural barriers, they said they were pleased they went and that it was a good experience.

What the future holds for them is uncertain. But they do want to farm full time, and they would also welcome the opportunity to again go on a mission if the arrangements and location were right.

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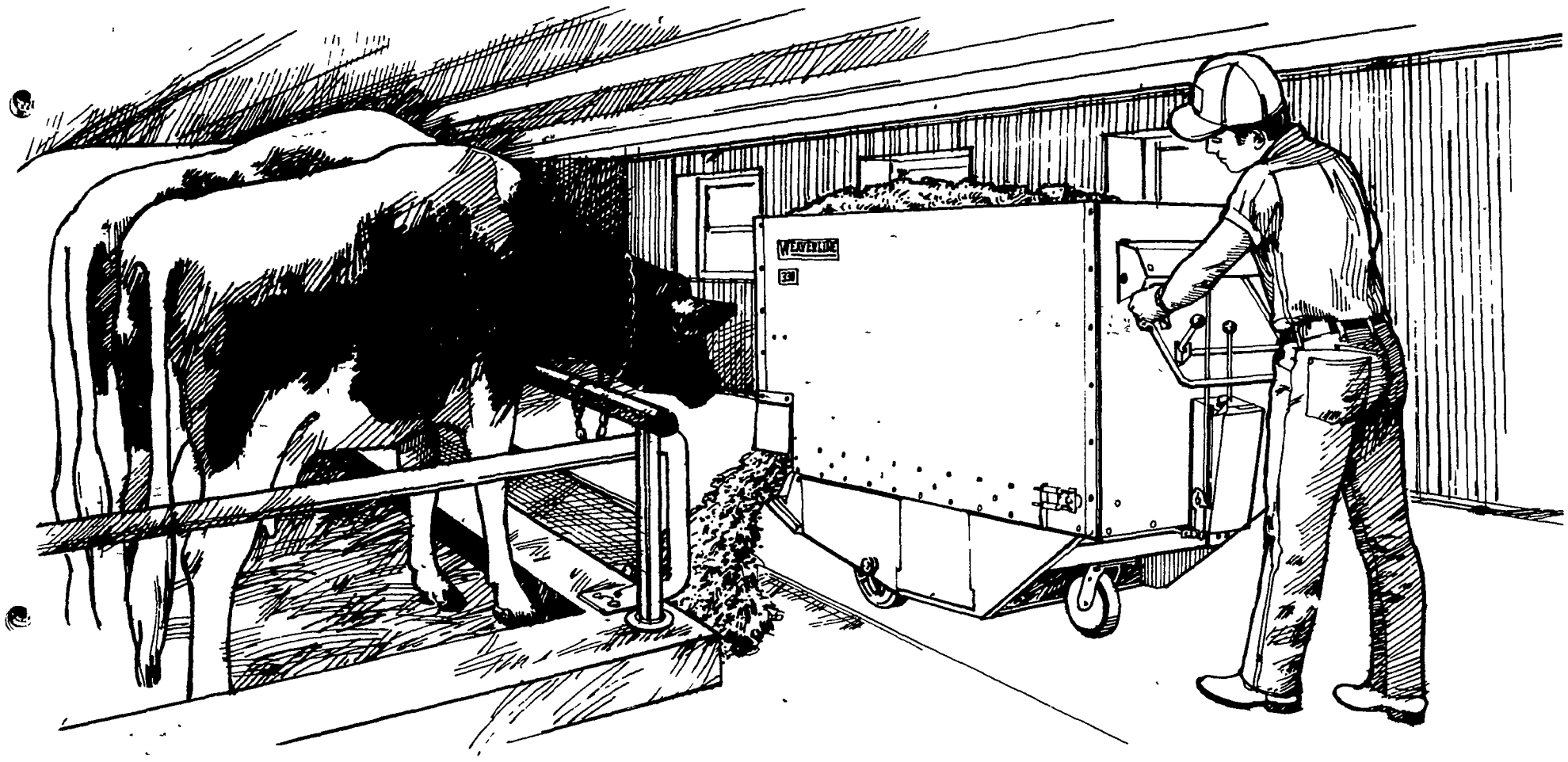


Six controlled unloading rates—from 30 bushels in 3½ minutes up to 30 bushels in 35 seconds! With just a flip of the handle.

Load it full. Throw it in gear. And you're on your way to feed silage, haylage or any other feed to your dairy herd—quickly—conveniently.

The Weaverline operating control panel puts you in complete command. As your Series 300 cart moves into position in front of each stall, set the auger and apron-system indicator to discharge just the right amount of feed. Then shut it off and move on to the next cow. Or if you want, lay a continuous flow of feed. Front-end side discharge with flexible deflector makes it easy to put your feed right where you want it.

Whether you choose the 30 bushel model or compact 24 bushel size, you can depend on Weaverline advanced engineering design. Upkeep, time and labor saved will more than pay for the cost of a new Weaverline Series 300 transport cart.

Just look at these advanced features!

Proven unloading-drive linkage

Smooth-running roller-chain and belt-drive combination provides six conveyor speeds plus individual on/off control of upper and lower sets of augers.

Controlled unloading

Apron conveyor and two pairs of augers can be controlled individually. Upper augers prevent bridging. Lower augers and conveyor control discharge flow.

Convenient power pack

Weaverline four-unit battery pack provides plenty of transport and unloading power. Batteries roll out either side for quick servicing. To recharge, just plug into charging receptacle from any 115 volt AC power source.

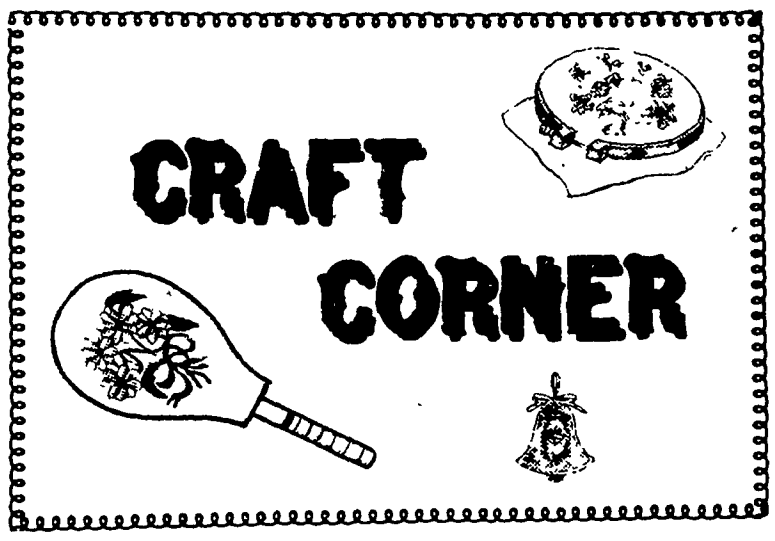
Two models

For maximum capacity, the Model 330 measures 81 inches long, 33 inches wide and holds 30 bushels. For tight corners, the compact Model 323 measures 69 inches long and 33 inches wide. Holds 24 bushels. Tricycle running gear, two wheel front, one rear, makes both units easy to turn—easy to guide. For dependable dairy feeding!

Cut your labor costs with this new Weaverline feed-handling system. Built to stand up to years of heavy loads, Series 300 carts are designed with larger discharge augers, more auger clearance, extra-heavy steel bottoms, stronger conveyor shafts and heavy-duty bumper guard shields. For a dairy feeding system that demands minimum maintenance and service, specify Weaverline. See these new Weaverline carts on display at your local dealer, or write Weaverline Corporation, Churchtown, PA 17555. Telephone (215) 445-6724.

New! Carts Now Available In Stainless Steel Construction

WEAVERLINE



Card case

Why not put your cards on the table ... in a plush, luxurious, soft-sculptured case? It has twin compartments for two decks and costs nearly nothing to make.

If you sew, you probably have everything you need. All that's required are fabric scraps, cardboard and bits of stuffing.

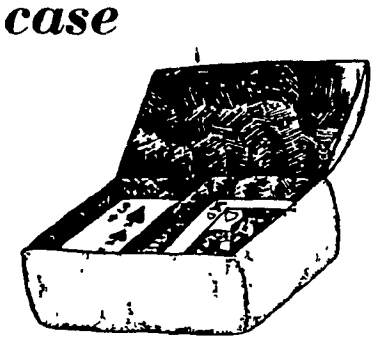
Here are directions for the card case:

MATERIALS: Fabric scraps for outside and lining; cardboard; polyester fiberfill; scissors; ruler; iron; sewing supplies. Choose medium-weight, non-stretch fabrics for the case. Optional: utility knife for cutting the boards.

BOARDS: 1. For large playing cards, measuring not quite 3x5-inches, cut boards to the following sizes: two 6 and one-half x 5 and one-half-inch boards for top and bottom; two 6 and one-half x 3 and one-half-inch boards for front and back; one 5 and one-quarter x 3-inch board for the center. 2. For larger or smaller playing cards, adjust measurements to fit.

FABRICS: 1. Cut fabrics for outside the case as follows: two 7 and three-quarter-inch x 6 and three-quarter-inch secitons for top and bottom; two 7 and three-quarter x 4 and three-quarter-inch sections for front and back; two 6 and three-quarter x 4 and three-quarter-inch sections for sides. 2. Cut fabric for inside the case as above. Cut two additional 6 and one-half x 4 and one-quarter-inch sections for the center.

SEWING: 1. With right sides facing, match each outside fabric seciton to each linging section. 2. Match remaining lining sections. 3.



Stitch one-half-inch seams on three sides. 4. Turn right side out.

STUFFING: 1. Slide one board into each fabric "sleeve." 2. Push tiny bits of stuffing around both sides of the cardboard. For best results, do not overstuff. 3. For the bottom panel, stuff the lining side of the cardboard only. 4. At open side of each sleeve, pin under raw edges. 5. Sew sleeves closed with tiny hem stitches.

ASSEMBLY: 1. Pin front, back and sides to bottom. 2. Sew panels together with tiny hidden stitches. 3. Slide center panel into the case. Tack into place with a few tiny stitches. 4. Sew lid to case.

Know the definitions for hard times

YORK — You know hard times are here when the papers are full of words like bankruptcy, eviction, and default. "Unfortunately, these are more than words to many unemployed Pennsylvanians says Marcy Seckman, Extension home economist from York County.

If you are in financial difficulty and are having trouble paying your rent or mortgage, you may need to know the language of hard times. Here's a list of definitions that Mrs. Lamberson hopes you can avoid having to use.

— Bankruptcy — this is a legal proceeding available to anyone seeking relief from serious debts to give them a fresh start. In Pennsylvania, most debtors are able to exempt some property including some of the value of their property which serves as a residence. The amount and type of exemption varies according to the specific type of bankruptcy filed. This is not a cure-all because not all debts can be discharged and a notation of bankruptcy may appear on your credit record for ten years after. You should have legal counsel before applying.

— Deliquent payment — When a mortgage payment is not made by the day it is due, it is delinquent.

— Late charge — This is a fee charged by your lender or your landlord to help pay for the added work of collecting deliquent payments. Paying the late charge does not give you the right to pay late. You will have to make this payment in addition to the amount due.

- Default — a mortgage is in default when more than one payment is due but unpaid. Nearly all mortgage contracts allow the leander institution to begin foreclosure proceedings as soon as you are in default, although most lenders will give their borrowers some time to make arrangements.

- Forbearance — This is an agreement to repay the amount due on your rent or mortgage. It is often an extension of time in which the payment is due or a reduction in the payment for a specific period of time. You still must pay the full amount due, but this is one way to delay payments if you are in financial difficulty. Landlords and lending institutions depend on your payments to meet their own obligations so not all are able to grant forbearance.

- Foreclosure — This is a legal process, usually involving court action, in which the lender acquires your property because you have failed to meet the terms of your mortgage. If you do not pay your mortgage on time and do not make special arrangements for payment, you may lose your home.

- Eviction — If you don't pay your rent, or if you break other conditions of your rental lease, your landlord can file a complaint against your and recover both the rent past due and the rented property. Before you can be evicted, you must receive notice and can demand a court hearing.

- Lien — In order to receive some types of financial assistance you may have to accept a written agreement that you will pay back a specific amount of money which is due in full when and if you sell your properlty. When you sell, all liens against your property are paid before you receive anything.

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Lancaster County FFA

Rose Reiff, Grassland Chapter, New Holland, is tops in livestock in Lancaster County.

(Continued from Page B16)

Contest were Greg Musser, Elizabethtown, first; Kerry Myer, Manheim, second; and Dan Hartzler, Elizabethtown, third.

Among reciopients of the Honorary Red Rose Degree, selected by individual chapter, were:

Cloister Chapter – Ezra Good, of Hatfield Packing.

Grassland Chapter – Donald Reed, assistant junior high principal.

Manheim Chapter – Luke Bruckhart, president of the Manheim Fair Association.

Pequea Valley – David H. Thomas, principal of Intermediatre School; and Horace Martin III, high school guidance.

Solanco – Marlene Arnst, public relations for school district.

Willow Street Vo-Tech – Mrs. Jeri Widdowson, school secretary.

Among those receiving the honorary county FFA degrees for their contributions to the countywide program were:

–Daniel Hamilton, director of Quality Control at Penn Dairies for his assistance and guidance concerning the annual dairy foods contest.

–County Commissioner Jim Huber for his guidance and many speaking engagements before chapters on farmland preservation and good conservation.

–Dick Anglestein, of Lancaster Farming, for his help with publicity of chapter activities.

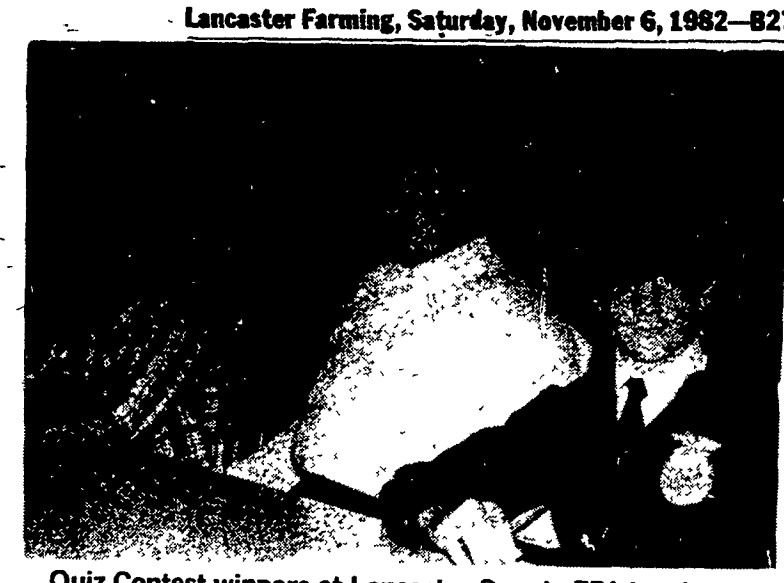
The Leadership Training Conference was opened with a welcome by Lawrence Devine, assistant superintendent of Eastern Lancaster County School District.

The group then divided into separate sessions for various offices. Conducting these sessions were Carolyn Witmer and Mike Pfautz, vice presidents; Tanya Green and Gail Ginder, secretaries; Merv Keagy and Charles Ackley, treasurers; Mike Pflieger and Deb Miller, reporters; Ken Miller and Ronald Althoff, sentinels; Dan White and Stan Deen, chaplains; Bart Tucker and Sonia Shaner, student advisors.

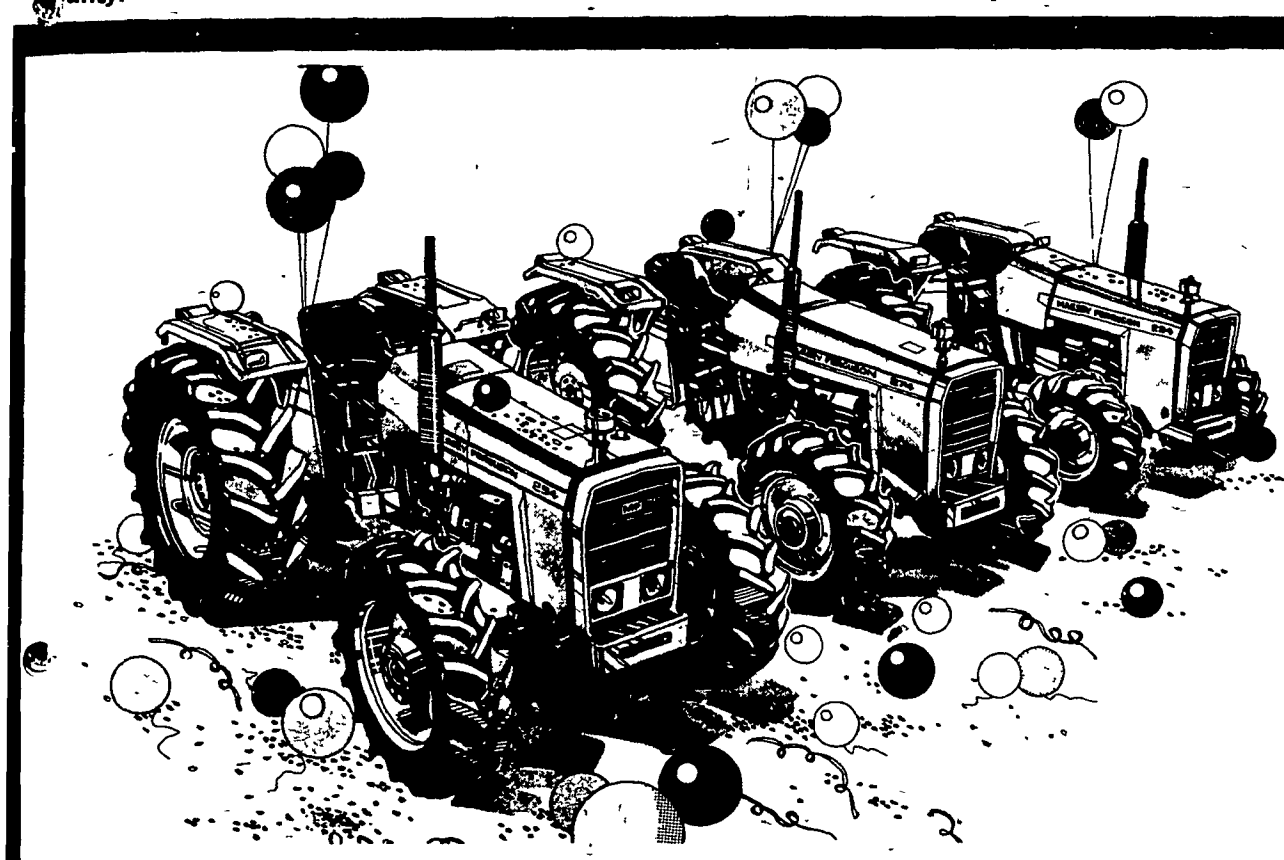
A Parliamentary Procedure demonstration was conducted by the Grassland Chapter team which won the state PP title last June.

Barry Geib, State Treasurer, headed a session on public speaking.

In "How To Do It" sessions, FFA members heard from Lew Ayers, on Oral Reasons with Dairy Cattle; from Charles Ackley, on Effective Committees; James Cowden on Effective Picture Taking and Writing News Articles; Dr. Robert Herr on Thoughts of a Livestock Judge in an FFA Show; and Sonia Shaner on Banquet Etiquette.



Quiz Contest winners at Lancaster County FFA Leadership Conference include, from front to rear, Greg Kerdeman, Manheim, first; John Riley, Solanco, second; and Kelly Eckert, Warwick third.



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Here's something worth celebrating! Massey-Ferguson is rolling out three all-new four-wheel drive tractors. These tough, sure-footed tractors are in the just-right power range for discing, plowing, or cleaning out sloppy feedlots.

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Ida's Notebook

Ida Risser

Country auctions have been a part of the Pennsylvania Dutch scene for many centuries.

They serve several purposes, in that, not only do people purchase needed items at the sale, but they have an opportunity to visit their neighbors.

Some auctioneers have a group of faithful followers who attend most of their sales. The auctioneer has his own unusual patter and stories to keep his audience's attention. Usually he points out the flaws in a particular piece while still convincing the folks that it is a practical purchase.

In the early years of my marriage, I attended quite a few sales as there were many things that we needed to start housekeeping. At one sale we came home with a wringer-type washing machine, a clothes hamper and an old kitchen cabinet. Later I went for smaller items like a lamp, a mirror or a small table. Some of the best buys that I ever made were at these sales.

When my husband gave me two or three dollars and I'd have 25¢ left over, on impulse I'd buy two small redware crocks. Today they would bring fifty times that price. Now when my children have a birthday, I allow them to pick a dish from my collection in the corner cupboard.

Even though I've gone to many auctions, I never fail to feel a bit sad when I see all the accumulations of a lifetime set out for everyone's inspection. Usually it means the breaking up of a household due to old age or death. Two years ago I had to empty my mother's ten room house, so I can appreciate all of the work that had to be done in preparation for the sale.

Recently I attended a sale and was amazed at the prices that they paid for antiques. For example a piece of brown-checked homespun went for $500, a chicken waterer for $1600, a rolling pin for $125, a quilted housecoat $400, three iron door pulls $500 and a Dutch Cupboard for over $6000. It left me with the thought that one's own insurance policy had better be updated if things are worth that much on today's market.

Insulate now

LANCASTER — With winter just a few months away, now is the time to insulate.

An important thing to remember, says Joseph McCurdy, Extension agricultural engineer at Penn State, is that other energy-saving measures go hand-in-hand with insulation. Turning down the thermostat, caulking windows, and installing storm windows are also energy saving measures.

Where to start is often the hardest decision, McCurdy says. He suggests you start by turning down your thermostat to 68F or lower in the winter — it doesn't cost a thing. Then turn off unnecessary lights, close tight fitting drapes to seal windows, close off unused rooms, and clean and service your heating system.

The next step is to caulk and weatherstrip doors and windows. Caulking and weather-stripping are inexpensive and can reduce heating bills greatly. Save additional money by doing the work yourself. Storm windows can also cut heating bills this winter. You can tack up or tape clear plastic film over your present windows as a low cost, temporary measure.

Insulation is the best way to insure a warm winter home. Many types of insulation are available. Glass fiber (batt or blanket) insulation, is normally 3½ or 6 inches thick and is best suited to fit between studs, rafters, and joists, but it can be cut to fit other spaces. Use gloves and a dust mask when working with blanket insulation.

Loose-fill insulation is often used for ceilings, filling irregular spaces and covers ceiling supports that may be only a few inches thick.

Vermiculite, mineral wool, and cellulosic fiber are commonly available for easy, do-it-yourself installation. Cellulosic fiber is a somewhat better insulator than loose fill mineral wool. Many commercial applicators blow loose fill insulation into walls of uninsulated existing houses. But remember, McCurdy adds, loose fill insulation will settle.

In areas with extreme temperature differences between the inside and outside, or in rooms with high humidity, moisture can condense in the insulation and cause water damage to walls. A vapor barrier is necessary, because it will keep moisture from penetrating the wall and condensing in the insulation.

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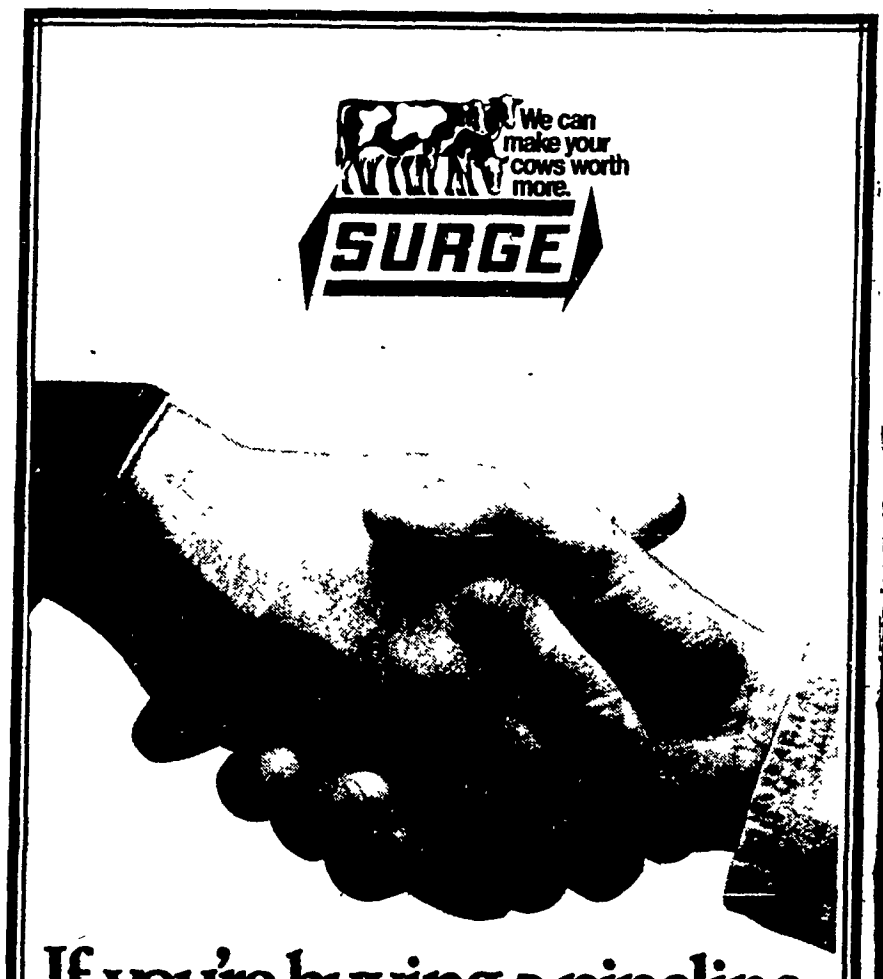

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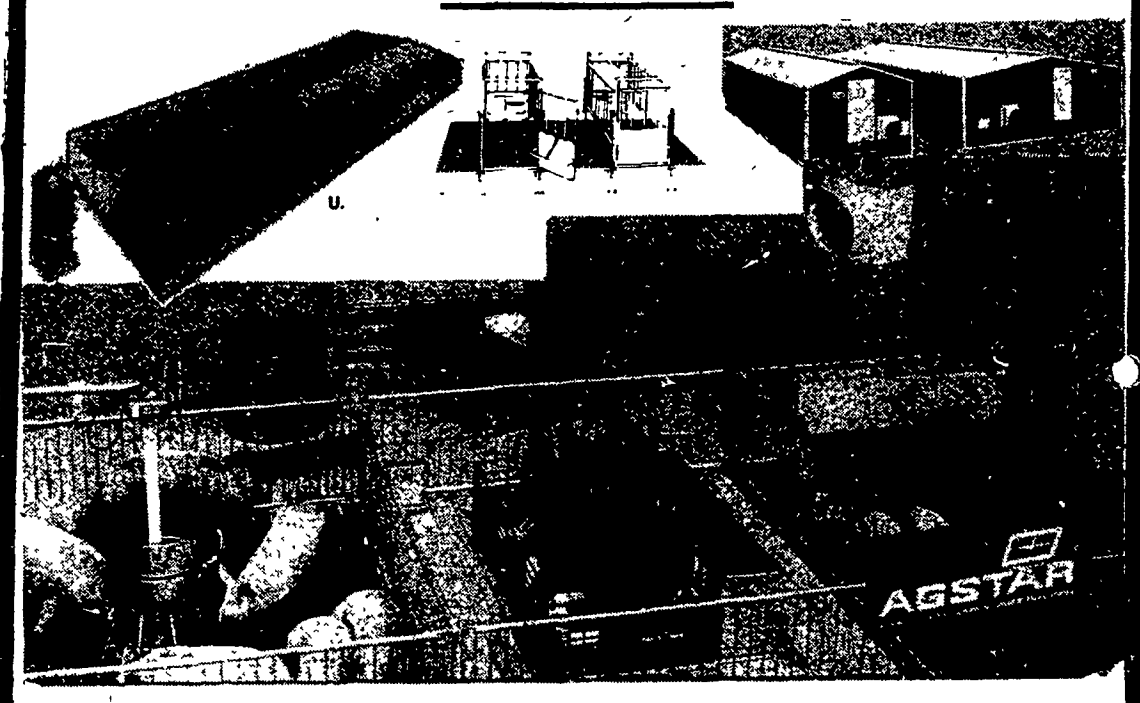

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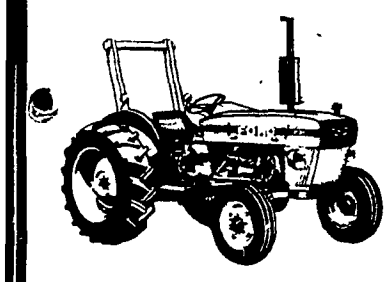
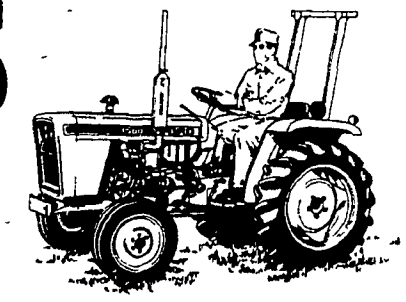


Ford 2310 Tractor



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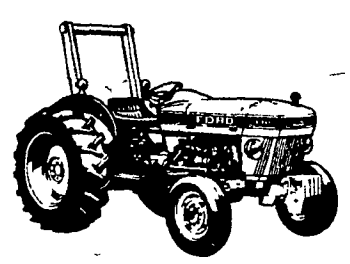

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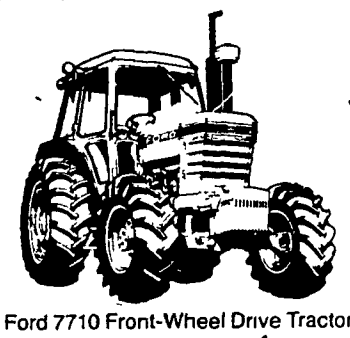

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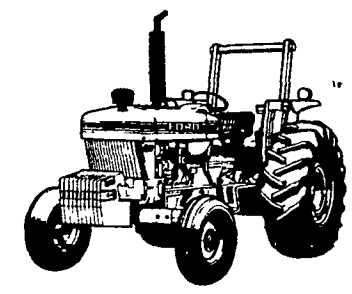

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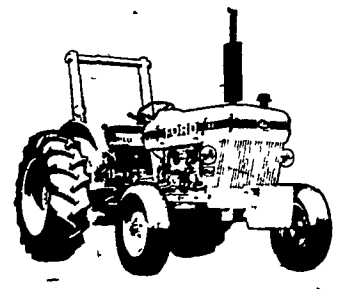

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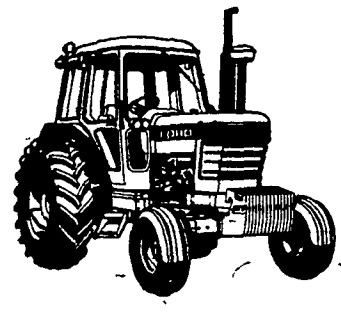
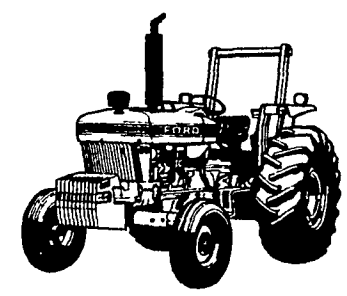
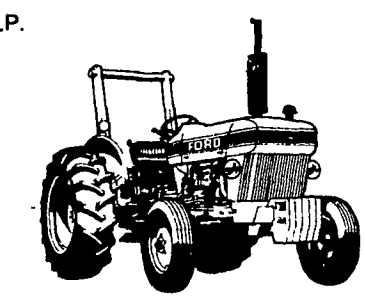


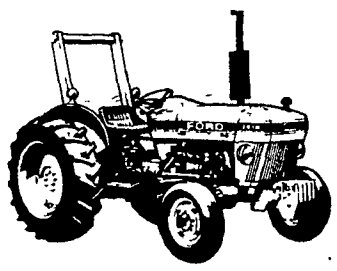
Ford 6710 Tractor



Ford 6610 Tractor



Ford 4110 Tractor



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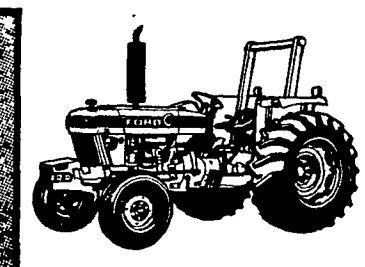

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Maintain proper vacuum control for milking

UNIVERSITY PARK — You've probably heard that it's important to have the correct size vacuum pump for your milking system. Now, how are you going to control it, asks Penn State dairy specialist Steve Spencer.

Milking system performance is dependant upon both pump size and vacuum regulator characteristics. The purpose of the vacuum control is to prevent the vacuum for exceeding a predetermined set-point. The control admits air to the system to prevent the vacuum from increasing above this setpoint. A good control must consistently reutrn to set-point day after day, Spencer explains.

A good control must also have a rapid response rate (a fraction of a second). It must compensate for the short bursts of air that are constantly admitted to the system, such as putting on teat cups.

The most important control characteristic is that it must be able to sustain the vacuum under load. Suppose you have a 100 CFM pump. The control should keep nearly the same vacuum level on the system whether five CFM is going through the regulator of 100 CFM is moving through it.

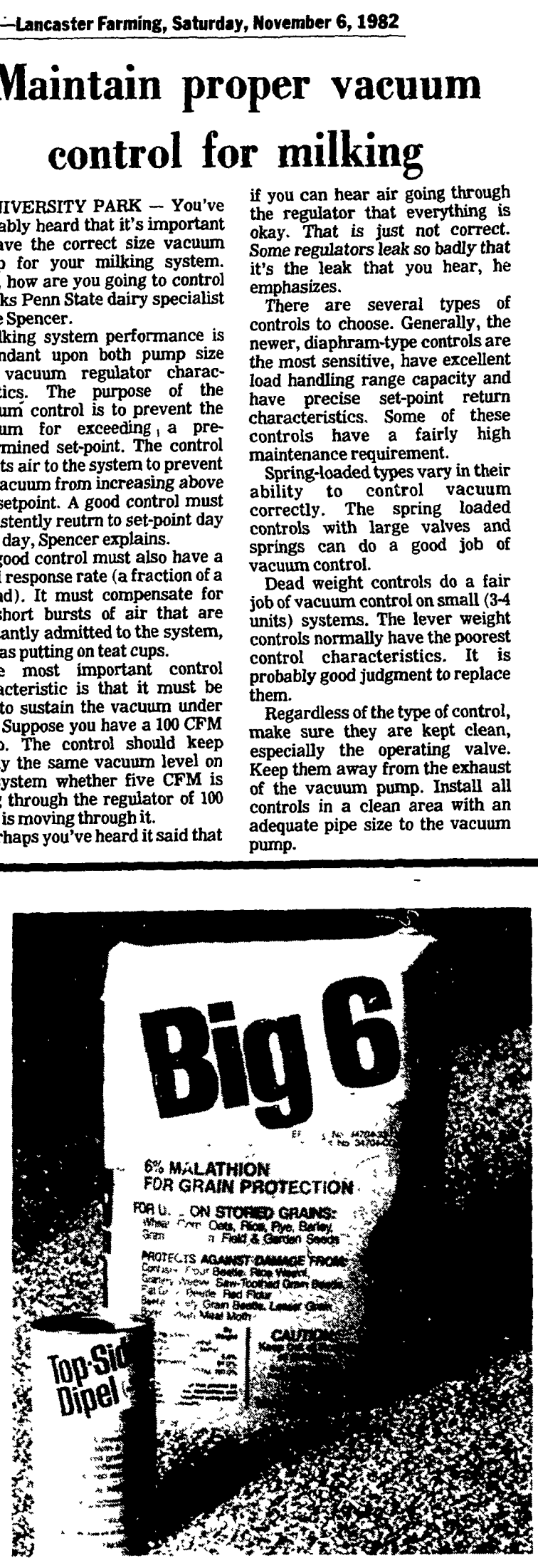
Perhaps you've heard it said that if you can hear air going through the regulator that everything is okay. That is just not correct. Some regulators leak so badly that it's the leak that you hear, he emphasizes.

There are several types of controls to choose. Generally, the newer, diaphram-type controls are the most sensitive, have excellent load handling range capacity and have precise set-point return characteristics. Some of these controls have a fairly high maintenance requirement.

Spring-loaded types vary in their ability to control vacuum correctly. The spring loaded controls with large valves and springs can do a good job of vacuum control.

Dead weight controls do a fair job of vacuum control on small (3-4 units) systems. The lever weight controls normally have the poorest control characteristics. It is probably good judgment to replace them.

Regardless of the type of control, make sure they are kept clean, especially the operating valve. Keep them away from the exhaust of the vacuum pump. Install all controls in a clean area with an adequate pipe size to the vacuum pump.



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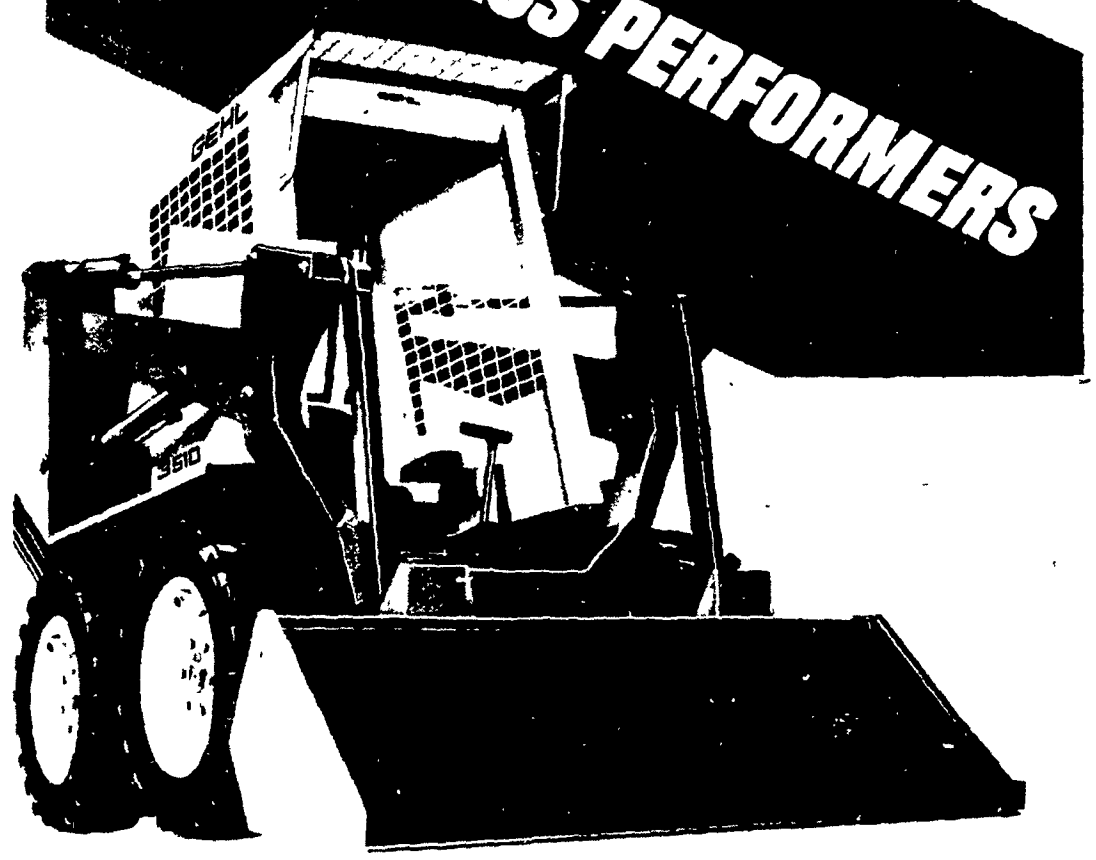

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IFYEs share experiences from around the world

Four-H offers many youngsters otherwise unobtainable opportunities in the world of animals, hobbies, crafts and business, and the list goes on. But one unique opportunity that few 4-H'ers partake in is the International 4-H Youth Exchange which gives members the chance to 'see the world.'

This week, three IFYEs from Pennsylvania have shared with us some experiences they have incurred in Germany, Italy and Trinidad/Tobago.

Rebecca Ruhl of Mount Joy is spending six months visiting the island countries of Trinidad and Tobago, living and working with farm families there.

Deb Kreider of Lebanon is scheduled also to return home from Italy in December after a six-month visit.

Corinne Snook hails from Lycoming County but has lately been living in Germany.

Italy loves tradition

By Deb Kreider

ITALY — Upon arrival in my fifth host family, I discovered there was a new baby in the house. A blue ribbon atop the entrance to the house told everyone that it was a baby boy. Also the many plants with blue ribbons all over the house were another sign of a boy.

The many visitors to see the baby always bring gifts. The traditional gift is food. The older people still adhere to this tradition and bring one or two bags packed with the following items: sugar, coffee, pasta, biscotti, meat, and a bottle of liquer. The food is always accompanied by money. The younger people bring clothing for the baby.

I also got the chance to attend an Italian wedding. I discovered that the presents are given before the wedding. Since the bride brings all the sheets, pillowcases, towels, tablecloths, napkins, etc. to her new home, the gifts are usually glassware, ceramics, electrical appliances and money.

On the day of the wedding, we first went to the groom's house and then to the house of the bride. When the bride left her house her mother threw rice, and confetti, a type of candy. Then we walked to

(Turn to Page B32)

Germany prepares for 'Ernte Dank'

By Corinne Snook

GERMANY — I hope and pray everyone is doing well. I am doing just fine. The German people have been taking very good care of me. I have been staying extremely busy which I am sure will be so until I return home.

It is hard for me to believe that the summer has come to an end. The leaves are changing color here in Germany, the temperature is dropping and the days are becoming shorter. Fall is here and winter is swiftly approaching.

Because of the seasonal change there is much to do. The barns must be made ready for winter, the gardens need cleared, there is silage to make, crops to harvest and winter crops to plant.

Herbst (autumn) is also a time for Ernte Dank festivals here. Ernte Dank is celebrated during the harvest, a holiday somewhat like our Thanksgiving. Special festivals, parades, parties and church services are made during this time.

My fifth family, the Claus Mahrt-Thomsen family, lived in the state of Schleswig-Holstein. This is the most northern state of Germany. To the north is Denmark; to the east, the East Sea; and to the west is the North Sea.

My host father was an IFYE to the United States in 1959. It was very interesting for both him and

(Turn to Page B33)

Trinidad offers hiking adventure

By Rebecca Ruhl

TRINIDAD — I was surprised to find that Trinidad had such beautiful rolling hills in this land of beaches and palm trees. I got a first-hand look at the hills when I participated on a four-day hike throughout the southern region of Princesstown to Rio Claro. The hills here remind me of the corn covered hills of Lancaster County, only these are covered with sugar cane.

After a visit to the swamp area of Charlieville, I am living in the hills of cane in south central Trinidad in "de bush" of McBean which is a small settlement of Caroni Ltd. sugar cane farmers. I am living with a family of Caroni Ltd. employees and have learned a lot about the growing of cane and its refinement into molasses, refined sugar and the very popular Trinidad golden rum.

My host father is a supervisor in the cane fields and checks the cane for infestation and diseases every day. My host brother Simon works in the refinery and my host sister also works at Caroni in the laboratory in the Rum Division.

In addition to the cane, the village of McBean is also in Superior Youngster 4-H territory. A host brother, David, is a member of this vibrant group located in the

(Turn to Page B33)

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Italy loves tradition

(Continued from Page B31)

the church. The church service was almost identical to mass. Of course, when the couple left the church, we all had a handful of rice ready.

After a picture-taking session which included family and friends, we drove to the restaurant. I then discovered that people receive invitations to come to the restaurant and attending the church service is only secondary. I think that normally 200-300 people come to eat, although more can come.

And when they go to the restaurant to eat, they eat!

Beverages included both red and white wine, mineral water, gassosa, which is gingerale, orange soda and beer. After each course, we were given clean plates and so it only took us about four hours to eat.

If you ask me to think of three words to describe Italy, I would reply food, grapes, and love.

I have discovered that the Italians love to eat. I think that the average woman spends about four hours a day in the kitchen. Normally we have a cooked meal for both lunch and dinner. Instant foods are used very, very little if at all.

I would also guess that each person spends about two hours a day eating. And when we go visiting friends and family, almost the first question is "Can we get you something to eat or drink?" After attending a wedding reception and seeing the menu, I was certain that food is an important part of Italian life.

Grapes have many uses. The most important use is to make wine. Grapes are also used to make aceto, which is vinegar and grappa, which is a strong alcoholic beverage. The Italians also eat grapes, but very little. I was allowed to stay in the province of Teramo for an extra week just so I could help with the grape harvest. Since wine is the most important use for grapes, grape harvesting time is also wine making time.

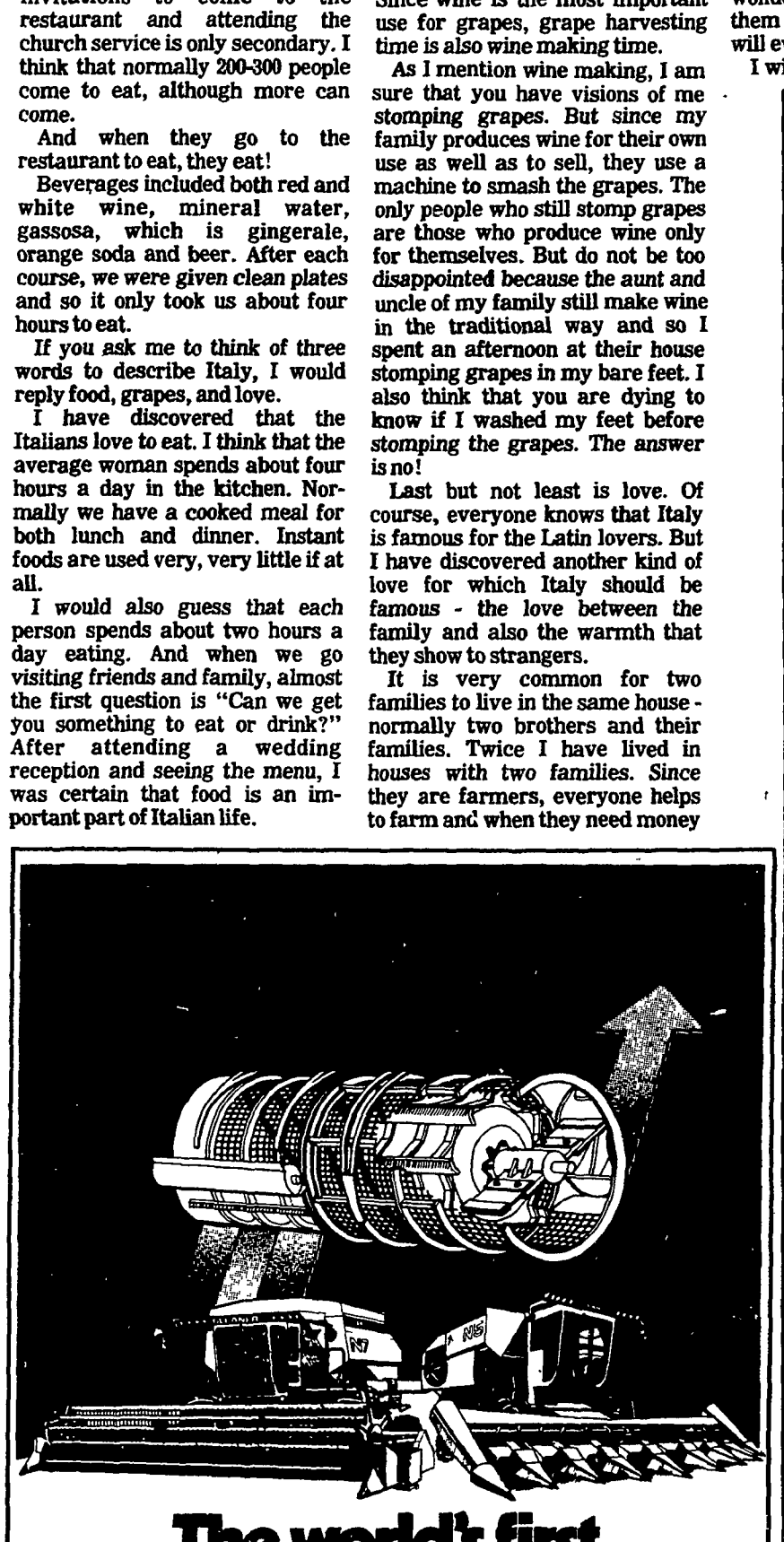
As I mention wine making, I am sure that you have visions of me stomping grapes. But since my family produces wine for their own use as well as to sell, they use a machine to smash the grapes. The only people who still stomp grapes are those who produce wine only for themselves. But do not be too disappointed because the aunt and uncle of my family still make wine in the traditional way and so I spent an afternoon at their house stomping grapes in my bare feet. I also think that you are dying to know if I washed my feet before stomping the grapes. The answer is no!

Last but not least is love. Of course, everyone knows that Italy is famous for the Latin lovers. But I have discovered another kind of love for which Italy should be famous - the love between the family and also the warmth that they show to strangers.

It is very common for two families to live in the same house - normally two brothers and their families. Twice I have lived in houses with two families. Since they are farmers, everyone helps to farm and when they need money they take it. Many important decisions are reached through family discussions. No one worries about how much work the others have done or how much money the others have received. And in all the other families with whom I lived or met, I have noticed a genuine closeness.

I can speak very well of the warmth that the Italians show to strangers. My host families have taken me in as one of their own. For me the most difficult part of the IFYE program is meeting wonderful people, having to leave them and not being sure when you will ever see them again.

I will close with two examples. I had called my family in Rovigo and talked with my sweet host mother. After politely asking me how I was, her next question was "When are you coming back?" My host sister in Ferrara wrote me and told me that everytime the telephone rings her father says, "Deb." Unfortunately when I called Ferrara my host father was not at home.



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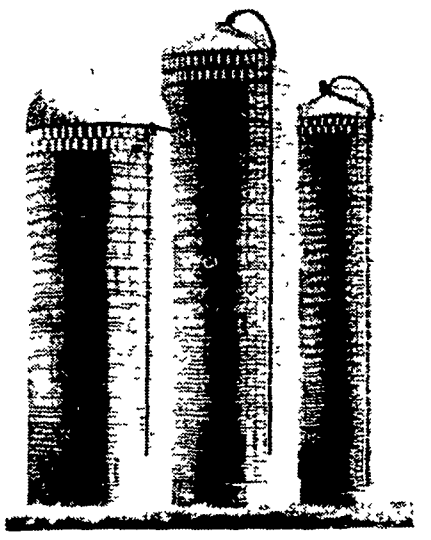

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Farm Women Societies

Lancaster Co. Society 5

Lancaster Farm Women 5 met at the Hempfield Church of the Brethren on Oct. 30 to hear Paul Neff talk about different cheeses.

As a highlight to the presentation, members were able to sample cheeses donated from Weaver's Store near East Petersburg.

Society 5's next meeting will be held on Nov. 27 at the home of Kathryn Eickelberger.

Lancaster Co. Society 15

Lancaster Farm Women met on Thursday, Oct. 21 at the home of Dorothy Johnson of Quarryville for a safety program and an election of officers.

Elected were: president, Judy Greenleaf, and vice president, Betty Yorkey.

Policewoman Romaine Engle showed slides on safety, advising woman how to be careful and to avoid crimes and assault.

Members voted to donate $450 to the Kirkwood Community Park for their playground construction.

The next meeting will be held Nov. 18 at the home of Sadie Greenleaf.

Lancaster Co. Society 11

Lancaster Society 11 met on Oct. 28 at the home of Margaret Swarr.

The 21 members present voted to donate money to the Solanco Library and Meals on Wheels.

The next meeting will be held on Nov. 18 at the home of Verna Shirk.

Berks Co. Society 7

Berks Society 7 met at the home of Betty Kissling of Robesonia for a Halloween party.

Members plan a Christmas party on Dec. 11 at the Robesonia Borough Hall.

The November meeting will be a tour of the Christmas Village in Bernville and will return to the home of May Blatt for a business meeting.

'Ernte Dank'

(Continued from Page B-31)

me to talk about America and the changes that have taken place over the years.

My host mother, Katrine, and I spent much time together in our favorite place — the kitchen. She taught me how to make my favorite German food, 'quark.' Quark is a milk product that is frequently used here but is seldom found in the states. I also had two terrific host brothers, Jorgen, 17, and Wolf, 15.

My family farmed 130 hectors (300 acres). They raise bulls and pigs, corn, wheat and sugar beets. In Germany, bulls are raised for meat rather than steers. I am told that the people prefer this taste. Germans also eat a lot of pork.

As always, I am continually seeing, doing and learning new things.

Trinidad offers adventure

(Continued from Page B31)

central region of Caroni County. It is a very special 4-H club — unique in many ways. It is a community-based club in Charipichauma, consisting of many small villages of which McBean is a member.

Normally 4-H clubs in Trinidad and Tobago are organized through the school system due to the previous funding by the Ministry of Education. A community club is very unusual, and this 42-member club is unique in the fact that they have participated in the President's Award since 1979, something no other 4-H club does.

The club also participates in various exhibitions at the national level and offers projects in handicrafts, goat-rearing, pigs, home gardening and a very successful fowl raising project.

The President's Award is a very prestigious award, similar to the Congressional Award in the United States. It consists of four parts to be completed during one year. The four parts are expedition, service, skills and physical recreation.

I participated in the expedition section which entails the exploration of a chosen area of the country, which this year spanned 23 miles, between Princesstown and Rio Claro along the Naiparema Mairo Road.

According to the award requirements, the area is explored by talking to residents and touring local businesses. Each explorer keeps a log and records mileage.

The award was started by the Duke of Edinburgh to offer young people a challenge to endeavor and achieve through a program to serve others while acquiring new skills and experiencing adventure.

Many groups participate annually in the award, but this is the only 4-H club.

The group on our hike ranged in age from 14 to 17, and included 14 people. The first day was a nine-mile hike and exploration of Devil's Woodyard, Trinidad's only volcano. It's actually an endless plane of small mud pools which sputter the hot mud out of the earth forming small cone shaped earth sculptures. We also spoke to residents of a home whose house was shaken by an eruption last March. The house was damaged but no one was injured.

Day two brought us to pineapple country where we explored a successful pineapple and pawpaw plantation and spoke to the owner who told us some of the problems of raising and marketing the fruit.

On the third day a downpour of water reminded us that we were in the middle of Trinidad's rainy season. We took cover at a banana plantation in a small village and learned about growing them.

It was a great experience and I'm ready to go again.

After celebrating our successful trip, we made the 4-H'ers an American breakfast of apple pancakes, eggs and cheese. We returned home by bus along the same roads we had hiked, and I realized how much you can learn by walking. We saw things we would never have noticed from the window of a bus or car and got to know the people.

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Don't eliminate dairy products to reduce cholesterol

SOUTHAMPTON — A higher than normal cholesterol count found in your annual voluntary blood workup too frequently prompts your physician to advise you to cut back on milk and dairy products consumption because of their "high cholesterol content."

Unfortunately, says Dairy Council Inc., this is the simplistic and conventionally-used advice of many in fields that influence public opinion. In point of fact, dairy products are not so high in cholesterol content as many believe.

Cholesterol has been made the culprit in heart disease on the theory that it causes a build-up of fatty deposits in the arteries causing clogging to the heart's pumping capacities. Nevertheless, cholesterol plays a necessary role in the formation of cells in the tissues of the body. It is always present in the normally functioning human-being. In fact, lack of proper cholesterol levels in the body can be fatal.

Generally, meats supply the largest amounts, with a 3-oz. portion of liver containing 372 mg.; 3 oz. veal, 86 mg.; 3 oz. lamb, 83 mg.; 3 oz. beef, 80 mg.; 3 oz. pork, 76 mg.; and ½ chicken breast, 63 mg.

Incidentally, most restaurants serve between 10 and 16 ounces of meat per meal!

There are 252 mg. of cholesterol in 1 large egg; 128 mg. in 3 oz. canned shrimp; 50 mg. in ½ cup canned clams; 38 mg. in 3 oz. canned oysters; and 34-75 mg. in 3 oz. fish fillet.

In desserts, four ladyfingers supply 157 mg.; ½ cup custard, 139 mg.; one-eighth of a 9-inch apple pie, 120 mg.; of a lemon meringue pie, 98 mg.; of a peach pie, 70 mg.; of a pumplin pie, 70 mg.; one-sixteenth of a 9-inch chocolate cake, 33 mg.; of a homemade brownie, 17 mg.; ½ cup chocolate pudding, 15 mg.; and ½ cup rice pudding with raisins, 15 mg.

Dairy products can be compared favorably to these other foods since they supply only a low to moderate amount of cholesterol while also providing other essential nutrients.

An 8 oz. glass of whole milk provides 34 mg.; 1 oz. Cheddar or Swiss cheese, 28 mg.; ½ cup or ¼ pint ice cream, 27-49 mg.; 1 oz. American processed cheese, 25 mg.; 8 oz. of 2% milk, 22 mg.; 1 Tbsp. heavy whipping cream, 20 mg.; 1 cup plain or vanilla yogurt, 17 mg.; 1 Tbsp. cream cheese, 16 mg.; ½ cup cottage cheese, 12-24 mg.; 1 pat-1 tsp. butter, 12 mg.; 1 Tbsp. sour cream, 8 mg.; 1 Tbsp. half and half, 6 mg.; ½ cup cottage cheese, dry curd, 6 mg.; and 8 oz. skim or buttermilk, 5 mg.

Dietary reductions of cholesterol may be warranted on an individual basis, but scientists say it can still be achieved by eating a wide variety of balanced foods from the four food groups — milk and dairy products, meats, fruits and vegetables, and grains, says Dairy Council. Portion sizes and number of servings are the key to maintaining ideal weight, along with regular exercise.

Drastic diet modification for the healthy adult is not necessarily warranted unless a specific physiological conditon is indicated. However, limiting intake from any of the four food groups, says Dairy Council, could prove nutritionally damaging to the body.

Four compete for N.Y. beef queen title

ROCHESTER, N.Y. — Four young women are competing for the title of New York Beef Cattlemen's Association Beef Queen. The queen will be named at the Association's annual meeting, January 29 at the Hilton Inn on the Campus.

The candidates are Heather Acomb of Stafford, Patti Lewis of Pulaski, Tara Mitchell of Skaneateles, and ZoeAnn Parker of West Edmeston.

The candidates will be judged on the basis of an interview, and on poise, personality, and achievements with beef cattle. All are daughters of grandaughters of New York Beef Cattlemen's Association members, or New York CowBelles or are dues paying members of either organization.

The queen will help promote the New York State beef cattle industry at the 1983 Empire Farm Days, at the 1983 New York State Fair, and other selected events. The alternate will be asked to fill in when the queen cannot participate at a regional event.

Lebanon rabbit club seeks members

LEBANON — The Lebanon County 4-H Rabbit and Cavy Club is actively seeking members for the upcoming year.

All youths, 8 to 18, may join one of three projects: rabbit pet care, rabbit production, and guniea pig raising.

Anyone wishing to join must enroll at the Nov. 15 meeting at the county Extension office, 7 p.m. in Lebanon.

For information about the club, please call (717) 866-4029.

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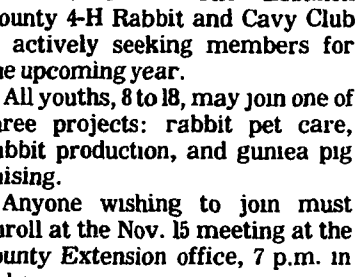

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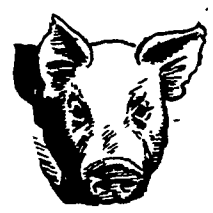

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Danville Cattle Company, Inc. (Mon.)
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Dewart Livestock Market (Mon.)
Box 95, Dewart, Pa. 17730
Four States Livestock Market (Tues.)
912 View St., Box 108, Hagerstown, Maryland 21740
G & M Livestock Exchange (Mon.)
R2, Box 236, Duncansville, Pa. 16635
Greencastle Livestock Market, Inc. (Mon.)
Box 86, Greencastle, Pa. 17225
Green Dragon Livestock Sales (Fri.)
R.D. #4, Ephrata, Pa. 17582
Keister's Middleburg Auction Sales, Inc. (Tues.)
Box 185, R3, Middleburg, Pa. 17842
Lancaster Stockyards, Inc. (Daily)
Box 713, 1147 Lititz Pike, Lancaster, Pa. 17601
Lebanon Valley Livestock Market, Inc. (Tues.)
R.D. #1, Fredericksburg, Pa. 17026
Leesport Market & Auction, Inc. (Wed.)
Box B, Leesport, Pa. 19533
Meadville Livestock Auction (Wed.)
Box 207 R.D. #3 Conneautville, Pa. 16406
Morrisons Cove Livestock Market (Mon.)
Box 444, Martinsburg, Pa. 16662
New Holland Sales Stables, Inc. (Mon., Wed., Thurs.)
101 W. Fulton St., Box 96, R3, New Holland, Pa. 17557
New Wilmington Livestock Auction Inc. (Feeder Pigs, Mon. 4th. Fri.)
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Penns Valley Livestock Auction, Inc. (Tues.)
Centre Hall, Pa. 16828
(Mailing Address, Box 36, Kylertown, Pa. 16847)
Pennsylvania Livestock Auction, Inc. (Thurs.)
Box 432, R4, Waynesburg, Pa. 15370
Quakertown Livestock Sale (Wed.)
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Box 312, Troy, Pa. 16947
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Flory's lamb tops 38 competitors

THOMASVILLE — Red Lion 4-Er Tim Flory put himself out of the sheep business last Wednesday evening with the sale of his last three market wethers.

While the 16-year-old shepherd is minus a flock only until spring lambing, he wrapped up this year's sheep project in style, with the grand champion win.

Flory's winning heavyweight entry topped 38 others in the York-Adams 4-H market lamb round-up, hosted at the Thomasville Auction and claimed first slot in the sale that capped the two-day sheep and beef roundup.

Hanging in the spirited bidding to the last nod was Yoe meat retailer Ray Mummert, who paid $2.10 for the 105-pound Suffolk-cross wether.

Flory also exhibited the reserve champion animal in the light heavyweight division.

Taking the reserve overall championship was a light heavyweight purebred Dorset, exhibited by Brian Bankert of Hanover. Weighing in at the hundred-pound level, the pink-rosette winner went to Wilmer "Willie the Butcher" Kreider of Washington Boro for $1.55 per pound.

The 39 market lambs sold, averaged 96 pounds and brought $84.97, with the champions. Without the grand and reserve winners, price per hundred pounds averaged $79.29.

Lester Burdette, Penn State livestock Extension specialist, judged the annual round-up.—JB

Following is a partial list of winners:

Class 1
75 pounds
1 Donna Wilson, 2. Tina Shaffer, 3 Sonja Shearer

Class 2
80 pounds
1 Tom Flory, 2. Lisa Dobrosky, 3 Sonja Shearer
Lightweight champion
Tom Flory; reserve Lisa Dobrosky.

Class 3
85 pounds
1. Julieanne Miller; 2 Sonja Shearer, 3 Mark Eberly

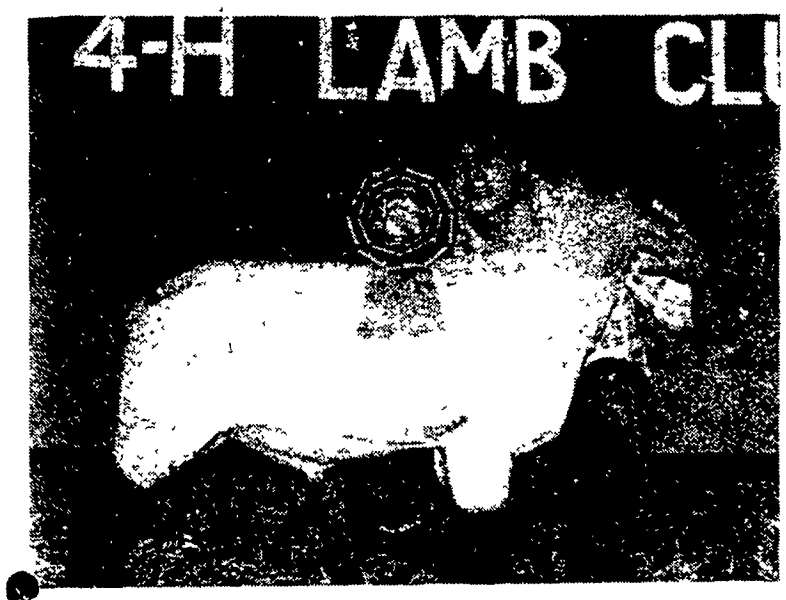
Class 4
90 pounds
1. Jennifer Hoke, 2. Brian Bankert, 3 Sonja Shearer
Mediumweight champion
Jennifer Hoke; reserve, Julieanne Miller

Class 5
95 pound
1 Lisa Dobrosky, 2 Tim Flory, 3 Tina Shaffer

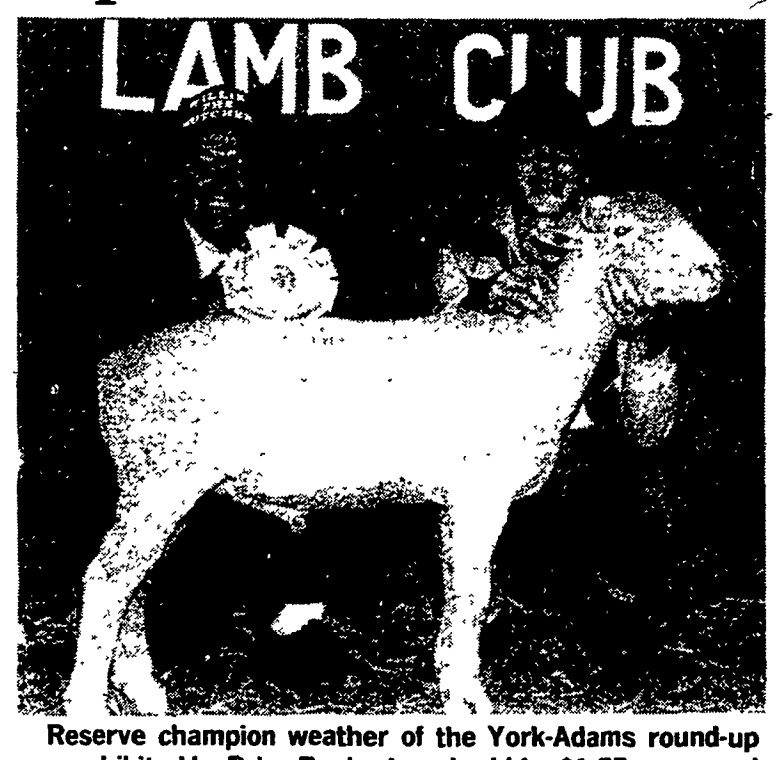
Class 6
100 pound
1 Brian Bankert, 2 Tim Flory, 3 Sherry Sigler
Light heavyweight champion
Brian Bankert, reserve, Tim Flory

Class 7
105 pound
1 Tim Flory, 2 Brian Bankert, 3 Melissa Trostle

Class 8
115 pound and over
1 Alicia Strausbaugh, 2 Amy Dutrey 3 Mark Eberly
Heavyweight champion
Tim Flory, reserve, Alicia Strausbaugh



Tim Flory's Suffolk-cross was chosen grand champion of the York-Adams sheep round-up. The 105-pound wether topped the sale at $2.10 per pound, selling to Ray Mummert of Brodbecks.



Reserve champion weather of the York-Adams round-up was exhibited by Brian Bankert, and sold for $1.55 per pound to Wilmer "Willie the Butcher" Kreider, Washington Boro.

Guernsey homeland to highlight county meeting

LANCASTER — Lancaster County Guernsey breeders will have an opportunity to travel to their breed's homeland — the Isle of Guernsey — via a slide show presented by Willow Street breeder Peter Witmer.

Witmer will be on hand at the annual dinner meeting of the Lancaster Guernsey breeders on Thursday, Nov. 18, at 7 p.m. at the Refton Fire Hall. The family style dinner is available for $5.50 for adults and $2.75 for children, ages 3-10. Children under 3 years are admitted free.

Ken Garber of Willow Street will highlight the 1982 4-H Round-up and Guernsey Field Day with a movie presentation.

For more information or reservations, which should be made before Nov. 11, call: Ken Garber, 717-464-2894; Robert Rohrer, 717-687-7242; Peter Witmer, 717-786-3526.

York plans holiday program

YORK — The county's annual Extension Holiday program will be held November 9, 7:30 p.m. at the 4-H Center, here.

Mrs. Lonnie Behler, well-known for her decorating ideas, will present her new program "In the Spirit of the Season." She will present holiday designs in related units for use in the home. This will include wreaths, swags, and centerpieces. She will also create a door prize.

There will be door prizes and group displays.

Tickets, which are $1.75, may be ordered from the Penn State Extension, 112 Pleasant Acres Rd., York, PA 17402.

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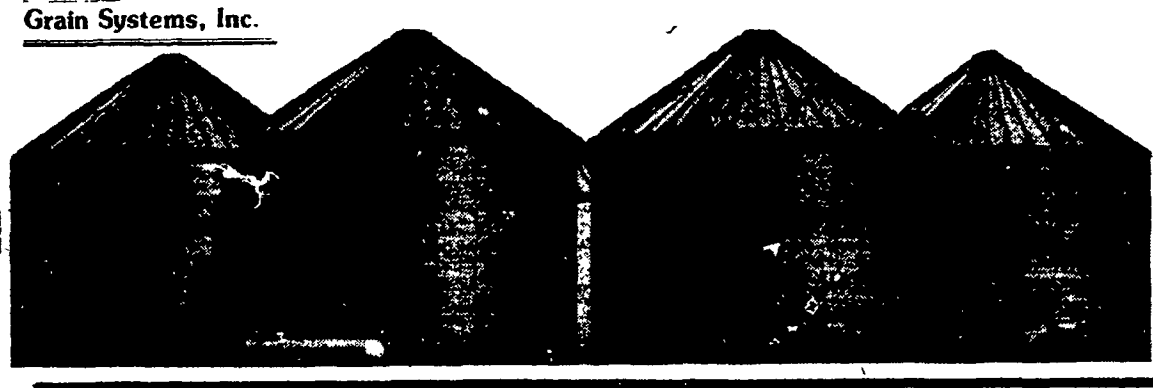

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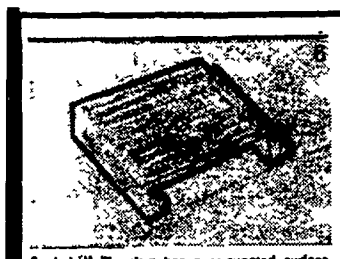

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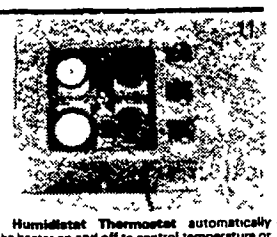

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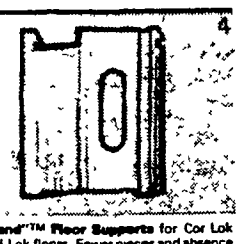

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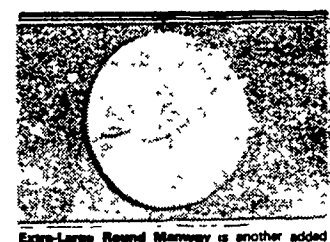

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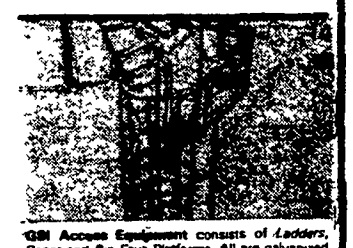

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At York-Adams beef round-up

Eaton captures second consecutive win

BY JOYCE BUPP
Staff Correspondent

THOMASVILLE — For the first time in a decade, the York-Adams 4-H beef champion rosettes went to a repeat winner from the previous year.

Thirteen-year-old John Eaton R2 Windsor, copped his second consecutive win with a 1,255-pound Simmental-Angus-cross, and topped the round-up sale with a $1.35-per pound price bid by Peoples' Bank of Glen Rock.

Young Eaton's victory was doubly sweet because this year he could exhibit the entry himself. Last year, foot surgery the day prior to the round-up had prevented the youngster from actual show participation, although compassionate doctors allowed him a few hours at the auction in a wheelchair, for the steer's selling. John spent a total of 49 days at the hospital until he was allowed to leave again.

Dubbed "Mr. Don," in honor of the steer's breeder Donald Walters of Airville, the 4-H project animal was started as a calf with a feed formula that has won show championships the last three years for Eaton entries at 4-H or open exhibits.

"Mr. Don" earlier won the York Fair open Simmental competition, and took reserve in the 4-H beef show.

"We start them off with lots of oats, just a little corn, and calf manna," attests the winner's father, John Eaton, Sr. "You've got to grow the frame before you can put any weight on an animal."

An eighth-grader at Clearview Middle School in Red Lion, the youngster says he plans to invest part of the $1,694.25 sales price into a project steer for next year, plus help pay the feed bill for "Mr. Don."

Wrapping up the reserve overall show champion spot was the Adams County round-up winner, Kevin Diehl, of Fairfield.

Diehl's 1170-pound Angus-Chianina crossbred brought $.99 per pound, from Shrewsbury meat retailer Ralph Thomas.

The reserve placing was a first-timer in the round-up winner's circle for the 18-year-old 4-H'er with eight years of competition experience.

Named "Nittany," the 5/8-Angus, 3/8-Chianina was bred at Nittany Farms, near State College, and won the championship at South Mountain Fair, the only other competition in which it was entered this year.

Reserve York County winner was Jay Stough, Spring Grove, while Mike Spangler, Gettysburg, took reserve honors in the Adams County portion of the round-ups.

In other weight category runoffs, Ed Livingston, Dover, exhibited the chapmion lightweight entry. Mediumweight reserve champion was Darby Smith, Red Lion, and Annette Walter of Airville was reserve lightweight winner.

(Turn to Page B37)

For the second consecutive year, John Eaton, Jr., took champion honors at the York-Adams 4-H beef round-up. With the winner are, from left, Sandy Albauch, presenting the champion trophy for York Farm Credit, Craig Peterson with awards from the Adams County Beef Producers, and buyers Glenn Snyder and Roger Foster, representing Peoples' Bank of Glen Rock, which purchased the steer for $1.35 per pound.

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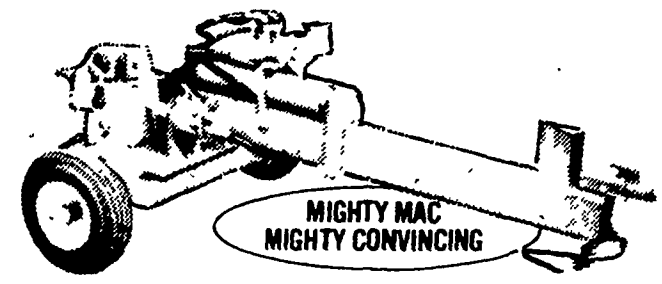

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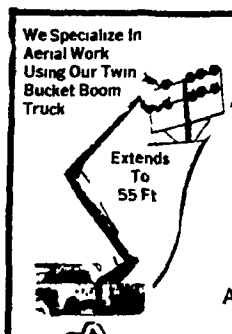

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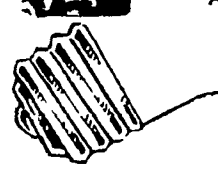

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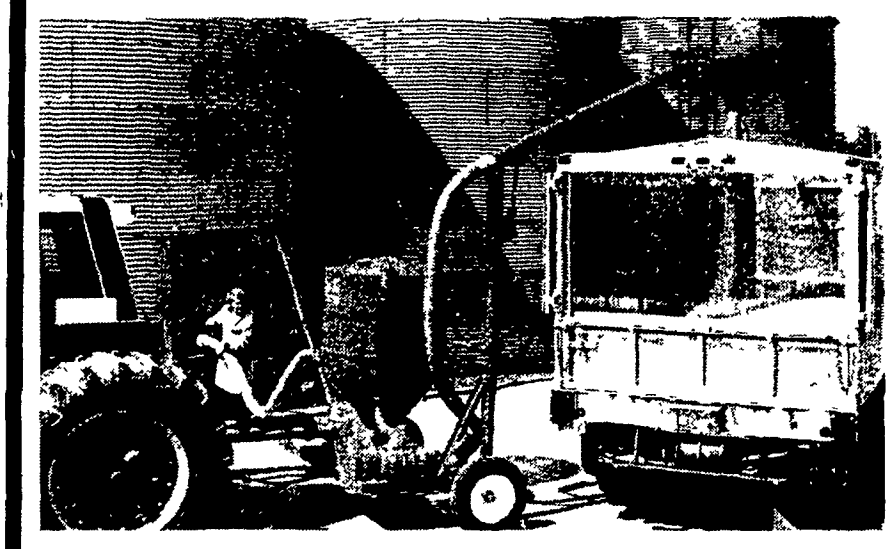

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Penn State's Moore looks at Soviet grain purchases

UNIVERSITY PARK — Soviets began purchasing U.S. grain again during the last week of September for the first time since March. The current purchase totaled about 1.5 million metric tons of corn. Because of the number of ships chartered by the Soviets, additional corn sales are expected in the weeks ahead.

"These purchases have had no impact on the depressed markets," says H. Louis Moore, Penn State Extension agricultural economist, noting greater sales are needed to bring higher prices as record wheat, corn and soybean harvests will be recorded in 1982.

Moore says that during the marketing year which ended on Sept. 30, the Soviets purchases 7.8 million metric tons of corn and 6.1 million metric tons of wheat for a total of 13.9 million tons, from the U.S. No wheat has been sold by the U.S. to the Soviets since last December. The markets have probably anticipated that they will purchase a like amount in this the seventh year of the US-USSR grain agreement, he adds.

The Soviets will probably continue to use the U.S. as the source of last resort for their grain needs, predicts Moore. "This may hurt wheat sales more than feed grains. The French and other producer nations are selling sizeable volumes of wheat to the Soviets. The Soviets appear more bitter toward the U.S. over the pipeline equipment embargo than by the earlier grain embargo we imposed on them."

Most of the countries which export in competition with the U.S. have large crops of grain, particularly wheat. Canada, the European Economic Community and Argentina all are expected to export more grain on the world market. The most notable exception is Australia, notes Moore. Because of severe drought, Australia is expected to import wheat during the coming year.

Moore adds that world farm export competition has been so intense in the last decade that the U.S. has seen its share of total world agricultural trade shrink from 20 percent of the total to 18 percent. This happened in spite of an increase in volume of farm exports from 78 million metric tons to 165 million tons during the 10 year period.

PACMA to elect directors

HERSHEY — Farmer members of the marketing cooperative, PACMA, will elect directors and conduct business during the annual meeting of the Pennsylvania Farmers' Association taking place at the Hershey Lodge and Convention Center next week.

PACMA, the Pennsylvania Agricultural Cooperative Marketing Association, is a cooperative member service of PFA. PACMA bought and sold nearly $16 million worth of commodities for members last year.

PACMA members will elect directors to three-year terms to represent producers of swine, poultry and all co-op members in southcentral Pennsylvania. Terms are expiring for Robert Weaver of Winfield, Snyder County, who represented swine producers; Richard Moyer of Winfield, Union County, who represented poultry producers; and Eli Rhodes of Williamsburg, Blair County, who represented PACMA's Region 3.

In addition, members will elect a director to complete one year of an unexpired term for PACMA's Region 4 in northwestern Pennsylvania. Irwin McCullough of Sharpsville, Mercer County, has been appointed to the position pending the election.

Eaton captures

(Continued from Page B36)

A total of 45 steers were judged at the host Thomasville Auction by official Conrad Grove. Average weight, with the champions, was 1155 pounds, and price averaged $84.97. Without the two champions, weight averaged 1153 pounds, with a price of $79.29.

Annette Walter, Airville, won the senior showmanship trophy, topping second-place Kevin Diehl, Fairfield, and Kenny Sunday, York, in third.

Winner of the intermediate showmanship award was Joe Druck, York, who topped Krista Rankin, Abbottstown, and third-place Doug Caldwell of Windsor.

Darby Smith, Red Lion, earned junior category showmanship honors. In second place was Nancy Townsend, Brodbecks, and Sonja Shearer, Abbottstown, in third.

A partial listing of winners follows:

Lightweight
Class 1
1 Annette Walter, 2 Doug Caldwell, 3 Jimmy Townsend
Class 2
1 Sonja Shearer, 2 Jo Ann Rishel, 3 Galen Graham
Class 3
1 Ed Livingston, 2 Karena Rankin, 3 Tom Carpenter
Middleweight
Class 4
1 Susie Eisenhower, 2 Sandy Eisenhower, 3 Travis Sherman
Class 5
1 Kevin Diehl, 2 Darby Smith, 3 Robin Shive
Class 6
1 Jow Druck, 2 Chris Shive; 3. Kenley Jo Myers
Heavyweight
Class 7
1 Jenny Druck, 2 Wayne Stought, Jr., 3 Dennis Flickinger
Class 8
1 John Eaton, 2 Kenny Sunday, 3 Tony Spangler
Class 9
1. Jay Stough, 2 Allen Werner, 3 Dave Erleimeir

PFA convention begins tomorrow

CAMP HILL — A total of 171 voting delegates representing 54 county associations of the Pennsylvania Farmers' Association will gather at the Hershey Lodge and Convention Center, Hershey, tomorrow through Wednesday to adopt policy on statewide agricultural issues and to elect leaders.

In addition to voting delegate business, the convention will observe the 25th anniversary of a PFA member service, the Farm Management and Business Analysis Service. Several guest speakers, including Elton Smith, vice president of the American Farm Bureau Federation, and Don Paarlberg, professor emeritus of Agricultural Economics from Purdue University, will address the convention.

PFA's "Distinguished Service to Agriculture" award will be presented along with program achievement awards to county associations during the annual awards banquet. In addition, PFA president Keith Eckel and PFA administrative secretary, Richard Newpher, will present annual reports to the convention.

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MAILBOX MARKET

For Sale - 1 pr. brand new radial snow tires 205R75x14 $95 00, Also favorite rabbit cages, Lancaster Co. 215-267-4331

For Sale - Carlin Model RGG 30 oil fired hot water heater 30 gal. $125.00 717-776-3572 Cumberland Co.

For Sale - 3 Reg. and 2 ID Grade Holstein heifer, calves, DHIA records on dams. 717-789-4496 Perry Co

For Sale - Registered Holstein bull, born 4-16-81, sire Marvex, dam apollo rocket dau. Also magnetic feeder 717-535-5247. Juniata Co.

For Sale - 4 wagon wheel (big) & running gears, good condition, call after 5:30 717-789-3394 Perry Co.

For Sale - JD 4 bottom 14 inch, 3 point trip plow, $450.00 call 717-665-7330 eve

For Sale - NH 2 horse fly wheel type engine, JD 3 horse fly wheel type engine, 2 kitchen ranges, 717-626-5678

For Sale 2x8's twenty-four feet long; aluminum awning, 3½' x 14½'; oak church pew 5½' long. Lanc. Co 717-656-6644

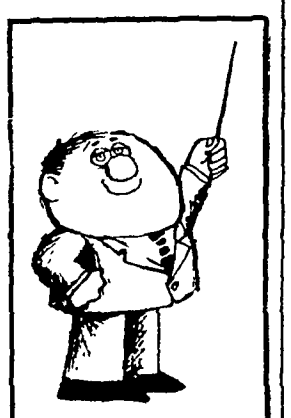
Notice - Experienced herdsman willing to milk weekends and holidays Ref. available. Lanc. Co 215-445-5770

For Sale - Nice, large Registered Holstein heifer out of Al Bull and Apollo Dam. Records Due soon. $1350 00 Lanc. Co 717-665-4239

For Sale - Good size winter smoke house apple 5 00 a bushel & also yellow delicious Coleman oil burning heater 717-733-4647

For Sale - One Boston Terrier puppy 10 weeks old, also Rottweiler puppies A.K.C. registered Lanc. Co. 717-733-9285

For Sale - Oliver cornmaster, one row corn picker, good working condition. $500.00 Lanc. Co. 215-484-2325



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MAILBOX MARKET

For Sale - Luxurious Olds Toronado, loaded, beautiful, $6000, Vega, 1974, $300; Good 60" trailing mower, $300, Dauphin Co 717-545-7005

For Sale - 2 wooden wheel barrows, $50 each; cedar tub, 34" deep, 52" wide, holds water, $75 Lancaster Co. 717-627-2550

For Sale - 2500' new, maple, walnut and soft-wood boards, 1¼" rough or planed. John E. Fisher RD2 Loganton, PA 17747

For Sale - Fox Terrier puppies 7 weeks old, wormed. Amos M. Beiler 200 Maple Ave, Bird-in-Hand, Pa. 17505

For Sale - Small hereford herd. Ten cows bred for April. Also heifer, bull and ten feeders. $10,500. Cumberland Co. 717-776-7858

For Sale - MH 33 tractor overhauled cultivator in front 3 pt. hook up, new paint job, also iron kettle. 717-533-9390

For Sale - Oliver Radex trailer plow disk harrow, fodder chopper, cultipacker, spring harrow, A. Farmall tractor 20' elevator 717-786-3618 or 717-786-7667

For Sale - UKC Reg. American Eskimo Spitz puppies. $60.00 Juniata Co. 717-463-2995

For Sale - Sweet potatoes; Kenebec potatoes. Sam K. King Ronks, PA 434 S. Belmont Rd. 2 mi north of Georgetown

For Sale - 325 gal. Girton bulk milk cooler with a new compressor only used a short time Perry Co. 717-834-3983

For Sale - English Hunt coat - $15.00, English saddle $125.00 65 Thunderbird, cast iron radiators, wanted rabbit pen, Leb. Co 717-949-3259

For Sale - Ford Major Diesel tractor front end loader & backhoe, three point dual tramision $3,000.00. 717-652-1957

Wanted good used rotary mower, for on the rear of 856 Int. 10' or wider 717-734-3291 after 8 p m

For Sale - Clean dry debarked sawdust for bedding, loaded on your truck. Wanted - good standing timber 717-734-3154 after 8 p.m.

For Sale - Big springing holstein heifers due Nov. G. Hammond 717-263-4227 Franklin Co.

1954 Ford F-800, excellent 10-20 rubber, new paint, new seat, twin 60 gal. fuel tanks Montour 717-672-2021

For Sale - 40 ft tube cooler very good condition $800.00 717-865-3655

For Sale - 1966 Dodge window van or trade or grain drill 717-243-1281 Cumb. Co

For Sale - 20 Hp steam boiler gas fired in good condition 717-626-2058

For Sale - Hydro drill home well drilling equipment, used for one well only 717-252 3213, eves York Co

For Sale - cage layer manure - save fertilizer dollars, Northumberland Co. Write Box 74, Dalmatia, Pa 17017 or 717-758-9263

For Sale - A full line of good tillage & haymaking equip. IH 706D & 560 gas tractors. Dauphin Co 717-545-6119

For Sale - 1066D IHC w/cab & weights must be seen to be appreciated Will consider smaller Montour Co 717-437-2773

Wanted - Good used Patz barn cleaner w/clockwise drive for 16 inch gutters No Sunday calls please 717-667-2019 Mifflin Co

Wanted - Slatted floor sections from chicken house Also hot air oil furnace, cheap Berks Co 215 683 3094

MAILBOX MARKET

For Sale - Farmall MTA, $1400, will trade for smaller tractor/cultivators. Agstar hog castle, $20,000 Lanc. Co. 717-426-1539 after 6 p.m.

For Sale - Beautiful hand crafted wooden cabinets with punched tin panels. All sizes, must see to appreciate, Lanc Co 215 267-4841

For Sale - Case 200 tractor with industrial loader, bucket and fork also Chev. dump truck. Lanc. Co. 717-548-2927

For Sale - Manure spreaders, NI 205 with hydraulic gate, good condition $450.00 NH 365 flail tank $350.00 Somerset Co 814-467-8839

For Sale - 4 galvanized 12"x72" Agstar nursery feeders, good shape, $100 each; 16 electric radiant heaters, $15 each 717-626-4095 Lanc. Co.

For Sale - 1973 Ski-Doo snowmobile 640 TNT in good shape new tractor Lanc. Co. 717-665-4900

For Sale - Dorset Ram, 2 years old, gentle nature, excellent bloodlines, throws meaty lambs, priced to small flock. 215-267-5860 Lanc. Co.

Notice - Billy Goat - For Stud service. ¾ alpine, from 16 lbs. milk a day stock. $5.00 fee. Lanc. Co. 717-354-7043

Wanted - Hickory wood for smoking meat. We cut or you cut. Leola, Lanc. Co 717-656-7270

For Sale - Standardbred carriage horse, trotter, over 16 hands, also used Jamesway windows. Elam B. Esh Harvest Dr., Ronks

For Sale - Angus and Hereford Bulls. John S. Stoltzfus Box 352 RD1 Kirkwood, Pa. 17536 (Bartville Road)

For Sale - AKC Dachshund pups, shots & wormed $100.00, stud service for mini. Dachshund $75.00, Dauphin Co. 717-533-6646 or 717-533-4875

For Sale - Rye, cleaned $5 bu. Lebanon Co. 717-865-6836

For Sale - JD 4020 Dsl. wide front end side console dual hydraulics good condition $8700/reasonable offer Franklin Co. 717-532-9234

For Sale - NI 323 corn picker $1500. South Bend kitchen range, good condition $400. steel wheels $275.00 717-532-3989 Cumberland Co.

For Sale - Litter carrier complete with hoist, tub in new condition more than 100 feet track. Cumberland Co. 717-258-3209

Wanted - Barn cleaner chain type Berks Co 215-286-0149

For Sale - Dune Buggy - strong homemade frame, VW engine, good tires, runs well, asking $500. Berks Co. 215-779 1008, after 5.00

For Sale - Purebred Nubian and Alpine goats, young and old stock, Buck service available, good lines Berks Co. 215-689-9895

For Sale - Service age boars Yorkshire, Hampshire Cross and Yorkshire Hampshire, Landrace Cross tested pseudorabies free 717-656-9764

For Sale - 6 yr old standard bred carriage horse white markings, Stephen L Stoltzfus East Eby Road Leola, Pa 17540

For Sale - New Holland model 475 200 bushel manure spreader good condition $800 00 215 445 6976

For Sale Gratz manure spreader web off of NI 218. Kemin hay preservative applicator Lanc Co 215-445-5697 morning or evening

MAILBOX MARKET

For Sale - 400 Farmall diesel tractors recent engine overhaul, new gears, new PTO unit, TA, quick hitch, w/weights. Centre Co. $2500.00 814-349-8201

For Sale - Prizer coal & wood cook stove $125.00. Sears Kenmore gas stove $50.00. Red oak kitchen cabinets. Lanc. Co. 717-733-0948

For Sale - Oliver grain drills; 5' 3 pt. rotary mower; flat bed wagon, IH #55 baler, good condition, snow plows, 717-345-4882

For Sale - JD 3020 NF gas with 2 row IH 234 mounted picker. Both in excellent condition. Schuylkill Co. 717-385-2625

For Sale - Wagon, new 8'x14' oak flatbed. 7.60x15" 8 ply tires. Sperry-Rand running gear, excel. cond. $650.00 215-696-3425 Chester Co.

Wanted - Potato digger - single row, PTO 301-898-9995 Fred. Co. Md.

Wanted - Snow plow or loader Farmall cub tractor, call Mary Thomas 8-5 wk days. 301-252-2100 Balt. Co.

Wanted - Old gas pumps with visible glass cylinders. Antique tractor manuals and sales literature. 609-358-7468 evenings Weekends Salem Co.

For Sale - 2 round wire corn cribs w/roof Registered Guernsey Bull 11-9-81 Sire: Choice Dam VG3X Dauphin Co. 717-362-8226

For Sale - Reg. Holstein Bull. Very Gentle, good breeding age. Call 717-776-7146 Evenings Cumberland Co.

Wanted - Purebred Norwegian Elkhound female pup or fullgrown - For sale plow. Aaron F. Ebersol Honey Brook RD2 PA 19344

For Sale - Set snapping rolls to fit Wood Bros. corn picker good condition $25.00 Juniata Co. 717-436-6870

For Sale - 1000 to 1200 bd. ft. walnut wood, air dried under roof for over 10 years. Perry Co. 717-789-3241

For Sale - Springing heifers sired by Elevation Son. Jacob K. Miller Quarryville R#3, Pa. 17566 1 mile north of Nine Points.

For Sale - 2 Yorkshire sows with second litters raising 18 piglets. Samuel S. Kauffman Christiana R1 Pa., along Bell Road

For Sale - New Holland (Smoker) 36' foot elevtoar $400.00 717-768-3088 Lancaster

For Sale - JD L-tractor plow & cultivator new paint job, good condition. $1400 00 Lanc. Co 215-445-5018, after 4 o'clock

For Sale - Good used storm front carriage 717-354-7561

For Sale - 20 feeder pigs 717-865-5968. Charles Merkey R1 Fredericksburg 17026 Pa

For Sale - Well McClain #77 wood or coal furnace (hot water) $350.00 Mifflin Co. 717-667-2095 before 8 a.m.

For Sale - 1 Registered Holstein bull sired by Ack-Lee Chief Money-Maker Harry Freese & Son 902 Forage RD, Oxford, Pa. 19363

For Sale 1975 JD 1530 diesel, 38 in rubber, low hours, excellent $5500 firm 215-683-7943

For Sale - Farmall Super C, 2 btm, plow, cultivator, unused 3 pt. hitch conversion kit, rebuilt engine, $2500. 201-948-4565 Sussex

For Sale Red delicious apples $5 00 a bushel. 2 Cheviot sheep $50 each Lanc Co 717-656 9103

MAILBOX MARKET

For Sale - Rotary Mower, John Deere 6 Row, Model 707 $1600. Dauphin Co. 717-692-2422

For Sale - GT 250 grain dryer for sale, very economical, asking $2400.00. 717-933-8853. Berks Co.

For Sale - New still in box Jolly chain saw grinder, can sharpen any type of chain $175.00, after 6 p.m. 717-724-3809

For Sale - Standard bred buggy horse 4 years old. Lanc. Co. 717-354-6192

For Sale - 3 Twin beds - mattress, box springs, $100.00 each 2 dressers, $50.00 each like new Lanc. Co. 717-687-6866

Wanted - wheel weights, roll-over protective frame, and 3 pt stabilizer brackets and links to fit IH574D; 814-364-1314 8 p.m. - 11 p.m.

Wanted - Limousin or Charolais bull calf - African Pygmy goats, Barbado sheep, European deer, will deliver for trade 516-582-6871

For Sale - 1975 V.W. Dasher, 4 cyl. 4 speed, black $1,600.00, 1979 Fairmont $2,600.00. No Sunday calls. Schuylkill Co. 717-345-4995

For Sale - A home made loom in real good shape, for more information. call 717-673-8827 or 717-673-3231 Bradford Co.

For Sale - Good Holsteins, fresh & springing heifers $850-$1000, some A-I Sired; Cows $950-$1150. Franklin Co. 717-263-5702

For Sale - David Brown 990 45 hp. 3 pt. hitch new paint $2000.00 215-827-7111 Chester Co.

For Sale - Square Fence Posts, painted white 21 - 4"x4"6½' - creosoted bottoms $40 Lanc. Co. 717-872-7171

For Sale - 24 acclimated Hereford steers 700-800 lbs. Lanc. Co 717-284-4618

For Sale - 22' 5th wheel trailer for pick up. $1500.00. 36' NH hay & grain elevator $1200.00 exc. Columbia Co. 717-759-0921

For Sale - Dodge van, 1 ton, 12 passengers, Royal Sportsman package, air, PS, PB, automatic, 1978 Ex. cond. Chester Co. 215-274-8019

For Sale - Iron kettle for furnace and wooden wheelbarrow Lanc. Co. 717-665-3396

Wanted to buy - Used 3 pt. hook-up forklift. Must be in good condition and priced reasonable. Lanc. Co. 717-354-8894

For Sale - JD 14T baler w/thrower need repair $150.00 MF 3 pt. wheel rake real good $225.00 York Co. 717-235-2032

For Sale - 3 year old Reg. Belgian gelding white mane and tail. David L. Stoltzfus Gordonville, PA Irishtown RD

For Sale - 4 black steers with white heads and 2 calfs - 700 lbs. 64 cents a lb 717-428-1258 York Co.

For Sale - International 350 rubber tire tractor w/industrial front end loader & hydraulic power take off $2400. Adams Co 717-624-4648

For Sale - all wire rabbit pens with refuse trays York Co 717-266-2044 8 a.m - 3 p.m. anytime weekends

For Sale - 300 JD corn picker w/244 head $5,000. Also 343 head $4,000 York Co 717-225-4944

For Sale - Like new Sprayrite 3 pt. sprayer w/ground plane electric nozzle w/centrifugal pump. $650.00, several guinea pigs 215-445-6838

For Sale - 2 Holstein grade heifers due Nov. 21 & 22 vacc & health charts Leb Co 717-866-6772

MAILBOX MARKET

For Sale - 4 wheel drive '69 Chevy heavy duty ½ ton pickup in very good condition. $2200 neg. 717-665-9351 Lanc. Co.

For Sale - Dari-Kool 300 Gallon Bulk milk cooler. Lancaster Co. 215-445-6807.

Notice - Order your Thanksgiving & Christmas turkeys early. Live or dressed. 717-838-4037 Leb. Co. Palmyra

For Sale - 32' Zimmerman elevator w/motor good condition 302-239-7565 after 8 p.m.

Wanted - JD Model 480 Haybine for parts. Also T020 Ferguson engine. 609-825-5051

For Sale - hot air furnace can burn coal oil, or wood good cond. $100.00. Tractors - A.C.B. w/loader, 215-488-7383 Berks Co.

Wanted - Shop manural for Ford 8N tractor Lanc. Co. 215-267-6174

For Sale - Snowmobiles 1979 Artic cat 6000 $400.00. Rupp 440 Nitro 215-926-1452 after 7:30 p.m. or before 7 a.m. Berks Co.

For Sale - Deutz 6006 tractors ready to go good rubber. Lanc Co. 717-656-8531

For Sale - Two Goodyear 15-5-38, 6 ply tractor tires, also, 100 Locust posts. 717-926-6580

Notice - Will board heifers, room for 50 I provide barn, exercise lot, silage, hay & bedding. Christiana #1 Pa 17509 215-593-6488

For Sale - 30" sawbuck, trailer mtd. PTO belt drive - can be adpt. to engine drive. $350. Sch. Cty 717-668-2706 eve.

Wanted - All sized used animal traps 717-244-1244

For Sale - 14' Aluminum van body w/power lift. Good condition, reasonable. Lehigh Co. 215-395-2732

For Sale - Victor Victrola Mahogany, cabinet type for record storage, markings VVXIV 198914 - $125.00 firm. Cecil County, MD 301-658-13767.

For Sale - 2 AQHA Weanling Colts, 1 yearling filly, 1 Tex Tan 13" youth saddle. Berks Co. 717-933-8063

Wanted to buy - International 544 diesel tractor, has to have a good engine, also looking for 806 215-286-5052

For Sale - NI 2 row narrow corn picker, Cumb. Co. 717-776-7343

For Sale - 1979 Scorpion Whip 440 snowmobile w/cover, like new, less than 350 miles, can deliver, price negotiable Northampton Co. 215-863-4491

For Sale - 275 gal fuel oil tank, good shape, complete with level gauge & all fittings, $50 Chester Co. 215-932-4728

Wanted - NI 206 manure spreader for parts or NH 202 Aaron S Zook RD #2, Box 389 Parkesburg, PA 19365

For Sale - For Dynamark Tractor 42" snow blade $125.00 36" snowthrower attachment $450.00 Cumberland Co. 717-486-7819

For Sale - 7 foot Myers snow plow w/power angle fits on JD 146 loader. $250 00 Lancaster Co 717-733-6077

For Sale - Coonhound "walkers" 2-1½ year old males with papers $75 each. 717-229-2933 York Co.

For Sale - Apples, Lowest prices in the area, Red Delicious, Yellow Delicious and Cortland Columbia Co 717-672-2638, Lanc. Co 717 872-5263

For Sale - 35 JD manure loader $300 or best offer Lanc Co 717 786-1232

MAILBOX MARKET

For Sale - 4000 Ft. Rock Oak, 1" to 1¼", also cherry & poplar 717-776-3239 after 5 p.m.

For Sale - 16' wooden boat with fiberglass w/ shield, needs small amount of work, first $150.00 North Co. 717-538-5451

Wanted - slow speed Lister diesel, any condition Daniel A. Peight R.D. #1 Box 239 Belleville, PA 17004

For Sale - 4030 John Deere tractor, very good cond. $8,800. Ford 5 bottom plow. $650.00 Dauphin Co. 717-838-2018

For Sale - 1978 MF 1085D; 1500 hrs., New 16.9x38 8 ply power adjust rears. Sch. Co. 717-889-3197 after 6:00 p.m.

For Sale - Two JD rockshaft three point hitches. 12 gauge Model 500 Mossberg pump shotgun, never fired. Chester Co. 215-869-9597

For Sale - JD 2010 tractor, W.F., P.S., 2 spd. Ind. PTO, 14.9x28 tires w/wts., exc. $3800. Chester Co. 215-353-7304 eves.

For Sale - 3 pt. hitch log splitter, like new, pet Ferrets John D. Mowery, 3355 Limekiln Rd. Chambersburg, Pa. 17201

For Sale - JD 4400 combine diesel block 329 CI, also 2 bottom rollover plow Oliver. Columbia Co. 717-784-6799

For Sale - 8 yr. old A.Q.H.A gelding w/tune up training. 2 horse trailer w/dressing room. Berks Co. 215-683-5269

For Sale - 1978 Chevy C-10 4x4 Lockout Hubs, 350-4 speed, new paint, clutch, good tires, current insp. Berks Co. 215-929-4661

For Sale - MF44 - Quick attach. 4 row wide corn head. Nice condition. Berks Co. 215-756-6973

For Sale - Ford One-row mounted corn picker, good condition, 5' Rotary Mower, 7' Disc Harrow; (717) 469-2516 after 4:00 P.M. Dauphin Co.

For Sale - Reg. Polled Herefords, gentle modern stock. 717-689-2158. Wayne Co.

For Sale - Butchers kettle w/lid $75.00 meat saw w/extra blade $15.00, elect. meat grinder on bench $50.00 215-679-2676 Montg. Co.

Wanted - 2 bottom plow to go on three point hitch call 717-872-5663

Wanted - A Harvest supplement meter and a mineral meter 717-527-4870.

For Sale - Minneapolis Moline two row combine, Oliver 77 tractor 717-992-4408

For Sale - Fireplace insert, fits 36" - 42", twin thermostat controlled blowers, brass front four bi-fold glass doors. $600.00 Lanc. Co 717-786-4169.

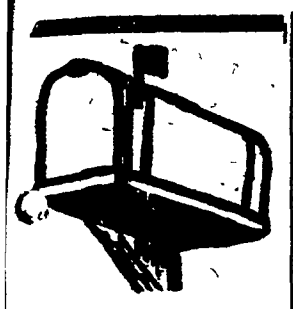
For Sale - 701 warm-morning wood store used only one season excellent $400 or best offer. Lanc. Co 717-529-2554

For Sale - 12 hole Martin hog feeder like new. Old house shutters. Christ King 186 Quarry Rd., Leola, Pa. 17540.

For Sale - Wic bedding chopper in good condition. David S. Zook, #1 Mine Rd, Box 233 Paradise, PA 17562

For Sale Fox Terrier pups also Locust fence post round and sawed Amos Stoltzfus Madisonburg, Pa. 16852 Centre Co.

For Sale - MH tractor w/JD 7' mower bar $1,000. Willing to accept weekly or monthly payments. Glen Rock 717-235-1003



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Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to

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Lititz, PA 17543

No Phone
Calls Please

MAILBOX MARKET

Wanted- Parts cleaner. Also want Gravely with a 30" rotary. Model "A" Fords wanted. Call in evening. Montg. Co. 215-933-2469.

Build your own pig feeders for under $10. 100# capacity. Easy plans, $2.00. Rt. 1, Box 742, Mardela, MD 21837.

MINI LOP RABBITS with papers $25.00. Very Loveable pets. NZW Rabbits with papers, $10.00. Cecil Co., Md. 301-885-2134.

For Sale - Small Int. manure spreader $400 Hammermill w/bagger - Int. driven extra screens Centre Co 814-692-8243 after 6 p.m.

Wanted - older Jeep 4 wheel drive w/snow plow and cab. Will buy Model 'A" Fords, reasonable eves 215-933-2469 Montg. Co.

For Sale - 9 acres of mountain land. Dauph. Co 717-365-3122

For Sale - Recording thermometer like new. Call. 1-302-678-0229 Kent Co., Del.

For Sale - 1 Standard bred triage traffic safe for any body to drive phone 1 717-354-9780

For Sale - Farmall Super C w/fast corn planter. $500 Sauder loader & brackets 215-273-3274 Chester Co.

For Sale - For Sale - 12' NI Stalk Chopper needs work $400 Brady 750 Hydra mill good shape $1250 Lanc. Co. 215-593-2415

For Sale - Fancy Appaloosa Weanling Filly, Chestnut w/white blanket. Excellent disposition asking $500 call before 9 p.m. 607-687-2486 Tioga Co.

For Sale - 18 yearlings open beef cross heifers one Beechdale 7/8 Simmental bull 5 yrs. old reasonable. Cecil Co , MD 301-398-2751

For Sale - 2 new yard gates Toledo band saw good cond. roll plastic for hot house Berks Co. 717-933-4569

For Sale - NI #7 one row corn picker IH #47 baler with #10 thrower water medicator Cumberland Co. 717-697-1329

For Sale - Farnam seven tooth pasture renovator. Used very little. $375 Leb. Co. 717-949-3477

Wanted - 8 foot steel field roller horse or tractor hitch Lanc. Co. 717-393-1154

MAILBOX MARKET

For Sale - NH 5 hp gas engine; oil fired 100,000 BTU boiler and burner w/attachments. 717-393-7452 eves. Lanc. Co.

For Sale - Grade Holstein heifer due mid Nov. Sire Arlinda Fond Master. Omar S. Kauffman R#2 Honey Brook, PA 19344

For Sale - Steam boiler in good condition. Electric motor $60. John U. Stoltzfus, R2, Honey Brook Pa. Box 50 19344

Wanted - Morgan mare under 8 years old 717-733-6319 Lanc. Co.

For Sale - Sunbeam clipmaster model 510.110 volt good cond. $45 Elam R. Stoltzfus, Creek Hill Rd., Box 2453, Lancaster, PA 17601

For Sale - AKC Westie male, 4 yr. old good pet, house broken, breeder Lanc. Co. 215-445-6880.

For Sale - Reg. Horned Dorset Ram and bred ewe $325 phone 609-263-6723 Cape May Co.

For Sale - Dunham 24 disc good cond. Amos M. Martin; New Holland, RD 1 Box 852, South of Terre Hill.

For Sale - Oster Pet clippers heavy Duty $50, large airplane kennel $30 Atlantic homesteader wood or coal stove $200 717-755-7422

For Sale - 50 H & N leghorn pullet laying 1 or all $2.60 each Aaron N Hoover, RD 1, Leola, PA 17540

Wanted - Good concrete and rebuilt 12' preferred Edwin Leinbach, RD 1 Box 376, East Earl, PA 17519

For Sale - 240 gallon bulk milk tank with compressor in good cond. will sell seperate or together. Lanc. Co. 215-445-5720

For Sale - Oak Roll top desk, player piano with rolls, and phonograph with records. Col. Co. 717-356-7667

Wanted - Pair of 18.4-38 wheels to fit White 2-105 tractor. Will trade 18.4-34 wheels Lanc. Co. 215-445-6850

For Sale - Black Magestic Kitchen Range good cond. 717-859-2241

For Sale - 2 Minnich Tobacco Presses, 1 35' Wind Mill Tower; 1 Kerosene Heater Lanc. Co. 717-653-6149 after 5.30 p.m.

For Sale - IH 816 mower conditioner Juniata Co. 717-444-3996

For Sale - IHC flail chopper in exc. shape. Pot belly oil heater good cond. Franklin Co. No Sunday calls 717-532-8236

Wanted - tail wheel for fast hitch 2 bottom mold board plow. Robert G. Diener, 1287 Woodruff Place, Morgantown, W. VA 26505

For Sale - Cast iron radiator 54" X 36" exc. cond. Lanc. Co. 717-354-9127

For Sale - White - Iseki 2-62 800 hr. 4 wheel dr. JD Baler 336-40,000 Bales JD Haybine 1209-Chester Co. 215-593-5042

Wanted - Shotshell reloading equipment prefer MEC. York Co. After 4:30 p.m. phone 717-993-6498

For Sale- Outside calf hutches, $75 each, David B. Stoltzfus, Rd 2, Box 282B, Nottingham, PA, take Brown Rd. at Little Britian, second road right.

For Sale- Spring wagons & buggies & horse related items. 301-398-5696 after 7:30 P.M.

For Sale - Muscovey Ducklings, Daniel L. Stoltzfus, Bird-in-Hand, Snake Hill Road, Lanc. Box 289, 17505.

For Sale - IH 45 baler, complete $75; 2 cyl. Wisc. engine $200. Samuel S. Stoltzfus, 2447 Stumptown Rd., Bird-in-hand, Pa.

MAILBOX MARKET

Fox Terrier stud service. 717-354-7186.

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster, MD 301-876-1235.

For Sale- Reg. Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414.

Wanted- 200-300 gal. holding tank, meat grinder, 30 gal. S.S. barrels, castors, S.S. 6 ft. table, ratchet press, S.S. sink, 215-862-9148 10-5.

Used Bee Equipment; Inverbrook Apiaries, R.D. #2 Box 230, West Grove, Pa. 19390, 215-869-3353.

For Sale - Standard Bred hore 9 yrs. old $650 needs driving Sam B. Stoltzfus, RD 1 Box 458, Gap, PA 17527

For Sale - Profitable Broiler Business Three 18,000 broiler houses in excellent cond., modern automatic equipment. Delmar, Del. 1-302-875-3418

For Sale - (2) 20-838 8 ply rear tractor tires 90% tread with tubes $350 ea. 1952 Buick Super Sedan $1500. 814-583-5610

For Sale - Like new cast iron pipe 1 pcs. 4'X1' dia. 1 pcs. 12 feet long X 1' dia. $125 Lehigh Co. 215-756-6626

For Sale - Belt driven deep well jet pump; water tank Daniel U. Stoltzfus, Honey Brook #4, Box 26 PA 19344

Notice - French Alpine Buck Service. Official milk and show records. Someday Hill French Alpines Fees from $20 Northumberland Co. 717-758-8359

For Sale - 319 NI corn picker 12 roll bed barn kept $1100 4 X 14 IHC trailer plow $300 Berks Co. 215-286-5434

For Sale - 1,000 gallon fuel tank $95 also 285 gallon fuel tank $40. 717-354-0182

For Sale - Tex Tan 13" show saddle like new! Can be seen at H. and H. Tack Shop, Annville, 717-263-0141

For Sale - 453 Detroit Diesel 5 speed trans, good cond. good repower for small truck or pickup. 271 power unit. 717-733-3890

For Sale - Apples, Stayman winesap and red delicious, $5 a bu. or best offer Lanc. Co. Please call 717-354-0175

Wanted - Flat bed wagon with or without bed. Call 215-857-3463

For Sale - Belgian work mare broke to work in foal. Henry H. Milller Jr., RD 1 Box 85, Wyoming, Del. 19934

For Sale - Farmall F-20 $375 Centre Co. 814-349-8863

Notice - Goat Breeding Nubian $25, Am. Saanen $20, Alpine $35. Alpine available only thru Nov. Lehigh Co. 215-756-6566

For Sale - Tractor tires on rims. Used very little. Rear 18-4-30 on 16" rim. Front 7-50-18 Berks Co. 215-683-6027

For Sale - Case 1270, power shift low hrs. excellent cond. $16,000 or best offer Lanc. Co. 717-872-8659

For Sale - Buckwheat field run or cleaned for seed MH Super 92 12' Grainhead Chester Co. 215-486-0213

For Sale - Gravely custom tractor with rotary mower. Rear hitch and sulky. $800. Del. Co. 215-358-1923

For Sale - Virginia 300 acre stock & grain farm Louisa Co. Richmond 195. Francis E. MacCauley, RD 1 Box 232, Bumpass, VA 23024

For Sale - Oliver #83 Narrow row cornpicker $950 also Int. TD 6 engine for parts $200 Lanc. Co 717-354-9744

MAILBOX MARKET

For Sale - Dry layer manure $4/ton picked up at farm - Lititz area call after 5 p.m. 717-626-1467

Wanted - 2 frogs for JD tractor plow 14 in or will buy the whole plow if reasonable Lanc. Co. 215-593-5914

For Sale - AKC Cocker Spaniel puppies $85 ea. call before 5 p.m. 717-656-6109

For Sale - AKC Chow-Chow puppies also Charolais heifer approx. 600 lbs. Lanc. Co. 215-267-7796

For Sale - Walnut china closet C S Miller, RD 1 Box 177, Paradise, PA 17562

For Sale- 1600 gal. fuel oil tank truck body 215-345-1909 after 7, Bucks Co.

For Sale- All size silo roofs at reduced cost, 717-687-6672 or 768-3095 Lanc. Co.

Wanted to Rent- Farmland in Berks, Lehigh or surrounding area. Top prices paid, 215-756-6269.

For Sale- Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, Rd 2, Strasburg, Pa. 717-786-2562.

Fine Selection of pleasure Tennessee walking horses, $800-$1800, quality yearling and weanling colts. At Stud: Senator's Thunder, black and beautiful, 215-267-7311.

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MAILBOX MARKET

Yorkshire boars, bred gilts and open gilts. Pseudorabies free herd. Will deliver. Joel Stern, R2, East Berlin, Pa. 17316, York Co. 717-292-4634.

For Sale- Rope halters for cattle, made to order, 717-898-7020 Lanc. Co., Pa.

Wanted- New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T. Holliday, Rt. 4, Box 244, Waynesboro, TN 38485.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 a.m. or after 7 p.m. 201-735-8389 or 201-735-4408, days 201-735-8865.

For Sale - Silo-matic 18 ft. silo unloader $400 JD T4 4 row cultivator $225 York Co. 717-229-2346

For Sale - MF 43 corn head q.t. four row narrow $1500 282 NH Baler with thrower $1500. Lanc. Co. 215-267-6547

For Sale - NI 206 manure spreader ground driven like new $995 NI corn drag very good 8N Ford tractor 717-354-0266

Wanted - 40 cow trainers good cond. Mifflin Co. 717-899-6481

For Sale - One year old Dorset ram very nice out of registered ram. Telephone area code Snyder Co. 717-837-3120

For Sale - 200 lb. milk fed veal calf $1/lb. Lanc. Co. 717-665-7015.

REAL ESTATE

Dairy farm with 6 cow milking parlor, 48 cow free stall barn, heifer barn, 16'x65' Marietta silo with cement bunker spring fed stream running through pasture. 119 acres with 85 tillable. Large 4 bedroom house, 2 full baths and attached summer house. 2 full baths and attached summer kitchen, located in the Turbotville, Pa. area. $150,000.00. Call 717-546-2233 or 546-2313

Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

For Rent or Sale - 3 bedroom ranch, 2 bath, woodstove, 2 car attached garage, 3½ acres fenced pasture, pond, barn, other extras, 10 minutes north of Hershey, $685! month plus utilities Security deposit, references, Dauphin 469-0539

Farm - 50 acres, Airville, PA, 38 acres tillable Victorian farm house in excellent condition, new well, large bank barn, outbuildings, pasture, pond, timber, owners sale, assumable mortgage, $137,000. 301-557-9248

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AUCTION: Saturday, November 13 - 11:00 A.M. 42 acre farm 10 miles West of Staunton in Shenandoah Valley. Classic two story brick house, full complement of buildings for dairy or feed lot. To be offered in 4 parcels and as a whole. For plats and information contact: Owen Thomas, Inc., Realtors - Auctioneers, 10 North Market Street, Staunton, Virginia. Phone 703-885-1278

FARM-HARFORD COUNTY - 123 acres. A farmers farm; gently rolling land, 85% tillable w/lg 20 yr. old dairy barn, in high state of cultivation, lots of road frontage, would be great for dairy, beef, horses, vineyard. Phil Carl Carlton, Piper & Co., 301-667-6100 (16 McD)

MAILBOX MARKET

For Sale - Home raised Holstein steer for the freezer. By the ¼ or ½. Reasonable. Juniata Co. 717-734-3573.

For Sale - 4 wooden 11'x10 overhead doors w/glass and hardware excellent cond. $100 each. Also Ford pickup. Chester Co. 215-273-3347

For Sale - 1971 Ford pickup Jersey bull two Hereford bulls Turkeys alive or dressed freezer beef and pork Bernville 215-488-1762.

For Sale - Fox 2-row snapper head; 2-row wide corn head; and self propelled harvester Lanc. Co. 717-548-2877

For Sale - Corn Narvon area earcorn or shelled Lanc. Co. 717-354-0740

For Sale - Big indoor Yard sale Sat. & Sun. Oct. 6th / 7th 8 to 4 at Hawk Valley Golf Course Bowmansville, PA. Furniture, coins, stamps, antiques, collectables and lots more.

For Sale - Closed Amish carriage, everything on hydraulic brakes, fiberglass btm & shaft, like new, call 717-529-2229.

REAL ESTATE

For Rent 120 acre dairy farm, silt loam soil, approx. 20 miles from PA turnpike exits 13 or 14. Write Lancaster Farming PO Box 366 D15 Lititz, PA 17543

BAUGHMAN REALTORS - 45 acre Amish farm, hogs, beef, tobacco, 38 acres tillable, 7 pasture acres w/spring, 4 BR house. 717/741-4671 (201858) or 717/862-3869

Pa. 330 Acre Dairy. Two silos, four houses, 54 large freedom tie stalls, dairy equipment. Verticle elevator. Added 28x60 loafing shed. Heifer barn, 40x60 machine shed, 9600 bu. corn storage. Appraised at $395,630. Machinery, cattle available. Owner financing. 814-856-2335

York County 18+ acres along Route 116 near Hanover. Large brick home in need of modernization 35x65 bank barn, other outbuildings approximately 12 acres tillable, only $80,000. Anchor Realty 717-225-3643

BAUGHMAN REALTORS - 23.9 acres, ½ wooded, stream, Fawn Twp. 717/741-4671. (204095) or 717/862-3869

Sale by Owner - Berks, Hawk Mountain area, 100 acre ± operating dairy. 20x60 Harvestore, other silos, 42 stanchion barn with 1979 pipeline milker. Brick home, new kitchen. Other outbuildings, approx. one mile road frontage. Serious inquiries only. 215-755-6479

BAUGHMAN REALTORS- MODERN HOG OPERATION! FARMER MUST SELL! 69 acres, level, includes fabulous 4 BR farm house, call for details. 717/741-4671 (200598) or 717/862-3869

BAUGHMAN REALTORS - Barns only +146 acres of good farm land and woods, call for details. 717/741-4671 (202167) or 717/862-3869

Approx. 65 acres w/stream, joins state lands, 20 acres of open ground, rest timber, one building 100x40 w/additional 40x40 building added on. 717-922-1437 evenings. Union County.

Inexpensive Farmette - If you want a small chicken or hog raising operation, this 10 acre property may fit the bill. Nice Dauphin Co. property with ranch house, priced for quick sale at $56,900. Call Dick Winey for private showing 717-653-8127 or 367-8508

BAUGHMAN REALTORS - 31.4 acres with 2400' frontage along Muddy Creek, mostly wooded, owner financing. 717/741-4671 (201785) or 717/862-3869

Beautiful 9½ acre farmette with large outbuildings, 12 mi. west of Newville, $475 month. 717-258-6360

Farm For Rent - Central PA, 130 acres w/new 10 room house and barn, suitable for beef or hogs, will consider renting house and land separately. William Muthler, Box 268 RD1, Beach Creek, PA 16822

One of better farms in Mifflin County. 150 acres tillable with 30 acres in alfalfa; 80 acres pasture. Free stalls, milk parlor. Good modern house. RD1, Box 20, McVeytown, PA 17051. Phone 717-899-6837

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

Picturesque 31½ acre farm, joins golf strip, air strip Bally Pa. Some colonial random width floors, walk in fire place, original log cabin deed 1683 windmill, stream barn for horses alfalfa, hay, 3 acres woods, ½ mile to town, $200,000 by owner, 215-845-7845

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

For Sale - 3 bedroom house and grocery store with snack bar, country setting, North Lancaster Co. For further information write 305 Lexington Rd., Lititz, PA 17543 or call 717-626-2995

Huntingdon Co. 168 acre crop and beef farm, 100 acres tillable, good soil, well fertilized, 3 bedroom farmhouse, alum. siding, tenant house, lg. bank barn, river frontage, immediate occupancy, under $1,000 an acre. 814-643-4446 eve.

Greenhouses, set up for hydroponic vegetable production. 7,800 square feet. Fall crop now in progress. Ranch home on 11.9 acres meadow, stream on property. All for $155,000. 215-384-1157

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092

For Sale by owner. 126 acre dairy farm in Franklin Co. Contact Ben Peachey 10139 Church Hill Road Mercersburg, PA

Central New York State, Madison County beauty, 415 acres, 30 minutes south of Syracuse, $320,000 by owner. Owner Financing. 315-662-7958

Dairy farm for sale or rent - 110 acres, 1 wire corn crib 2250 bu. size, Shirley Twp., Huntingdon Co., PA. PO Box 22, Shirleysburg, PA 17260 814-447-3203

16 acre farmette, 2 story 60x50' log barn, concrete bottom, water and elec. with outbuildings, 2 story house, good roof, asbestos siding, storm windows and doors, oil hot water heat, 150' drilled well. Call 717-922-4161

Approx. 110 acres of top producing limestone farm land in Bedford Co. along Township Hard Road. Owner keeping building and meadows. Close to public and Mennonite schools. 814-793-3938 evenings.

Wanted to Rent - Farm land for fall. PO Box 17 Lemoyne, PA 17043

Wanted to rent - small dairy farm in Lancaster, Lebanon Co. area, young Mennonite couple. Call 215-286-6574

For Sale - Farm 115 acres, 100 acres tillable, 3 bedroom brick house, living room, dining room, den, kitchen, parable 8¾% financing. Northumberland Co. 6 miles east of Sunbury, Pa. $135,000.00 717-286-0332

For rent - 71 acre farm, lg. 4 bedroom house, completely private, must farm with horses or mules, maintain family garden for own use, spring, rent $1 per year. Location-Amish Homestead, 2034 Linc. Hwy. East, Lanc. PA 17602 Contact R.M. Flory 717-392-0832.

Wanted to lease; purchase, operating dairy farm, Lancaster Farming, PO Box 366, D-17 Lititz, PA 17543

#986 55 acre Gentleman's farm, has beautiful circa 1840 stone Colonial w/open beam ceilings, fireplaces, chair rail, 4 bedrooms, 3 baths, plus 2 stone barns and numberous additional stone outbuildings, $175,000. Brumbach Assoc., Inc. 1-215-326-2222. 1-215-689-5796 after 7 p.m.

REAL ESTATE

For Sale - 3 bedrm house on 4½ acres. Large barn set up for cattle and fowl raising. Schuylkill Co. 717-682-9391

Farm in Union Co. 117 acres total, 95 tillable, large stream on property, set up for hogs and beef, large frame barn, eight room house, $1850 per acre. 717-922-1410

Wanted - Rent dairy farm, spring 1983, middle age Mennonite family. Have 60 cows, 717-865-4816, Leb. Co.

Cortland Co. - Almost new, 3 bedrm house, also older house and barn on 597 acres, $295,000. Call Ivan Parker, L. Reagan Real Estate, 607-753-1940

CENTRAL NEW YORK: #9005 - 600 acres rich bottom land and rolling Drumlins, metal free-stall for 200 head, silos, malchinery, cattle, 3 homes; owner financing - $675,000 ... #932 - 310 acres level rolling Honeoye soil, new metal free-stall for 120 head, Double 3 Parlor, 3 silos, fine colonial 2-family brick home; owner financing, $275,000. CENTURY 21 T.L. Wright Realty, 30 Main Street, Cobleskill, NY 12043 Ray Murray, Farm Sales Specialist - 518-234-3501

Five 2 acre wood lots for sale, southeast of Strasburg along 896, no trailers or modulers, $18,000 per lot. 215-593-6140 or 593-2534

30 acres fertile farm land, including meadow/water, convenient location. Lower Oxford Twp. 215-869-2715

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

ACREAGE FOR SALE

Mansfield, Pa. area in Tioga County; 98 acres with approx. 250' frontage on Mill Creek; 60% wooded; 40% open land; excellent hunting. No. C-7831. WEST REAL ESTATE AGENCY, INC. Office: 12 Canton Street, Troy, Pa. 16947, Phone: (717) 297-4046 or 297-2777.

Hunting cabin with three and one-third acres, located 12 miles west of Lewistown, sleeps 6 comfortably, 1½ stories, large stone fireplace, in excellent condition w/new roof.

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364 acre dairy farm, all open or in pasture. Level Class I soils. Double Herringbone. 50'x320' free stall barn connected by feed belt to two large silos. On paved road near Robins Air Force Base. Includes 160 Holsteins. Trucks, tractors & all equipment plus silage goes with farm.

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James Dalton Real Estate
Americus, GA
at 912-874-6825

REAL ESTATE

BAUGHMAN REALTORS - 30 acres w/farm house in grove-like setting, offering 4 rental units making this a very special buy! Call now for details. 12 acres tillable. 717/741-4671 (202827) or 717/862-3869

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Mountain Land

103 acres in Fulton County, 5 miles off turnpike, excellent hunting, borders stream

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PRICE REDUCTION... 100-acre Pa. hiway farm with 70 acres tillable. Good 5 bdrm. 2-bath home. 25 stanchion barn, 2 silos, other bldgs. Near state land, lakes & streams. Now only $80,000. See PHOTOS in catalog!

WALK-IN DAIRY... 400-acre N.Y. hiway farm comes with 90 Holstein milk cows, 74 head young stock, new 4 WD Ford tractor with cab, 3 other tractors, long list of late-model equipment included. Large 75-tie stall barn, 1,000 gal. bulk tank, mow conveyor, 3 silos. 4 bedroom home. 250 acres tillable, 4 creeks, 3 ponds. $575,000, good owner financing.

UNITED FARM AGENCY
P.O. Box 7891 - LF
Lyell Station
Rochester, NY
14606
Ph. Toll Free:
1-800-821-2599

REAL ESTATE

Longacre

EXCLUSIVE PA FARMS FOR SALE

See our detailed ad in the October 30 and November 15 issues.
Please call or write our office for detailed farm list.

PAUL M. LONGACRE REAL ESTATE
Box 186 Rt. 100
Hereford, PA 18056
215-679-5919
Also licensed in DE, MD & NJ

10% OWNER FINANCING CENTRAL PENNSYLVANIA FARM

UNION TOWNSHIP - Hunt Co. - Over the hill from Raystown Lake - 136 acs. - 70 till., 36 past., 30 woodland. Barn less than 30 yrs. old - good silo - house still standing. Spring water. PRICED TO SELL. $96,500, $30,000 down, bal. at 10% APR for 15 yrs. at $714.62 per mo. Balloon negotiable.

RIVERBOTTOM FARM - STONE HOUSE 10% FINANCING

MIFFLIN COUNTY - 10% DOWN - JUNIATA RIVER FARM - 1812 Stone House with spring in basement, plus barn and 200 +/-, 150 acres + till., Buy subject to Land Bank financing, bal. now under $100,000. Owner financing, bal. at 10% over 20 yrs. with negotiable balloon payment. $260,000. With additional 230 acres of woods $320,000 for entire pkg. Discount for cash.

Call:
TRI-COUNTY REAL ESTATE AGENCY, INC.
305 Penn Street
Huntingdon, Pa. 16652
(814) 643-5010 or (814) 643-1309
Anytime!

WIMPLE REALTORS... STATEWIDE FARMS

DELAWARE COUNTY

PICTURE POST CARD DAIRY: has everything you'll like; house, barns and setting in high-priced breeder/show area. Excellent barn has 54 ties on pipeline plus 17 for dry cows, new cups, cleaner, mow conveyor, manure room, heat exchanger on tank, office in barn. (2) 16x40 unloading silos. 24x60 enclosed machine shed. 117 acres, 80 tillable, new alfalfa seeding. Pristine 9 room colonial home. JUST LISTED! $167,500 with 29% down & 10 terms. CALL WIMPLE'S SLOANSVILLE OFFICE: 513-875-6355.

CENTRAL NEW YORK

"ONE OF OUR NICEST-WORKING BARNS", its tough to describe this barn; you really should see it. It has 55 (4x6) ties plus wing for 25 heifers, brand new 1000 gallon tank with heat exchanger, 18x50 Unadilla silo w/Vandale unloader, Patz cleaner to spreader shed. 179 acres, 85 tillable, 58 pasture. Nice 3 bedroom home. PHOTO BROCHURE. $116,000 CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355. MANY GOOD STOCKED & EQUIPPED DAIRIES WITH TERMS

ST. LAWRENCE VALLEY

COUNTY'S TOP LAND in this area, 320 acres with 200+ tillable loam Nice setting, easy walk to high school Barn has 52 stalls on Delaval pipeline, Jamesway SS cleaner, 16x50 and 16x40 silos, unloader, 600 gallon tank. Unusual Italian villa style home with beautiful dark woodwork. Good terms with owner. $110,000 with $25,000 down or $55,000 for 67 acres & buildings with $15,000 down. CALL WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163 "BEST SELECTION OF FARMS IN THE VALLEY"

CAN'T BEAT THE PRICE.. BRAND NEW FREE DAIRY CATALOGUES FROM SLOANSVILLE OFFICE HUNDREDS TO CHOOSE FROM. STATE YOUR NEEDS

REAL ESTATE

94 acre hog and tobacco farm in Lancaster Co. Facilities include 100 sow farrow wing unit and tobacco scaffolding for 10 acres of tobacco. Property includes large bank barn, stone dwelling and 85 tillable acres in a high state of cultivation. Financing available. Ask for the Lancaster branch manager, 1-717-291-1855

A FARMERS FARM

250 tillable alfalfa growing acres w/6.5 PH or higher, lays nice. 70 tie stall barn, heifer barn, machine bldg., 4 silos, 3 bulk tanks. 5 bedrm. house and a beautiful view of a lake. Have several other farms mainly in Cortland Co., New York. Some large some small.

Call **Al Reagan Real Estate**
McGraw N.Y. 13101
607-753-1651

SALEM COUNTY N.J.

85 acre crop farm, highly productive, 1722 stone colonial w/4 bedrms. and 1½ baths. Milking barn, 33x72 pole barn, implement shed, corn crib. 75 acres tillable. Only $190,000 with owner financing possible. Ask for Linda Perez at:

Koury and Clement
Mount Holly, N.J.
Realtors 609-267-1180

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

208 acre limestone dairy, 450 cow capacity w/double 8 parlor, 7 silos, modern house. Call Mr. Niesley.

33 acres secluded, 20 wooded, no buildings, stream. Call Mr. Niesley.

11 acre with good view to develop home site or farmette. Call Mr. Niesley.

JUNIATA COUNTY

140 acre dairy, 47 free stall, 8 stall milking stable, 2 silos, modern 3 bedroom rancher. Call Mr. Crawford.

106 acre dairy, 20 comfort stalls, modern frame house, 10% owner financing. Call Mr. Benner.

60 acres of timberland. Call Mr. Benner.

20 acres of open ground. No buildings. Call Mr. Benner.

PERRY COUNTY

157 acre dairy farm, loose housing with 9 stall milking stable, modern 4 bedroom house. Call Mr. Benner.

19 acre farmette, new 2 story southern colonial brick and aluminum house, situated on ridge, fantastic view, 30x48 barn with horse stalls, stream, secluded, near New Port. Call Mr. Benner.

8 wooded lots, 1 acre to 1.7 acres. All with septic permits. Deer country $4600 to $9400. Call Mr. Orris

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CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
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REAL ESTATE

Hog farm - nice level 185 acre farm, 9 room home, 30x84 farrowing house w/pit and 30 farrowing stalls, 45x65 barn w/26 farrowing stalls, 50x105 finishing house w/pit, 30,000 bu. grain storage, 40,000 lb. truck scales, many other extras. Huntingdon Co. Price $220,000. 814-447-3725

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36 acre Hog factory - Featuring new 1974 Rambler home - additional smaller home - Complete farrow to finishing - automated grain handling.

Additional Hog farms available

COMPLETE DETAILS AVAILABLE

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Americus, GA - 305 acre cattle farm. Completely fenced & cross fenced w/good barbed wire. 260 acres open & pasture land. Coastal & Bahia. Treated fence posts. Good soil & good community. Pre foreclosure sale. $500 per acre. Terms available if sold before Dec. 4th.

Call
JAMES DALTON REAL ESTATE
Americus, GA
at 912-874-6825
till 10 P.M.

---

64 STANCHION DAIRY FARM

284 acres, 160 acres tillable, level for farming, 90 acres woods, 24x70 silo, 2 Agway machine sheds, large shed 40x36', 1,000 gal. bulk tank, nice house, $295,000.

CENTRE COUNTY

Centre Hall, State College 152 acre dairy farm 85 tie stalls, Machine shed, Heifer barn, Silos, Pipeline, Tank, Limestone Soil. Stock & equipment can be bought $650,000.

BRADFORD COUNTY

Troy, Rt. 6, 30'x40' 2½ story block building, ideal for camp, on lot 100'x300'.

LANCASTER COUNTY

Bowmansville, 3 bedroom stone and frame house, 2 fireplaces, on 20 acres of woods.

EAST END NITTANY VALLEY CLINTON CO.

112 acres general farm, limestone, 60 acres farmed, more can be farmed, 28 acres pasture, owner financing, $165,000.

Donald R. Witwer,
Broker
Ephrata, PA
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A Gem in the Rough - 390 beautiful acres of pasture, farm land (including some bottom land) and timber land. Priced under $775 per acre including two houses. For more information write or call:

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FARM FOR SALE

125 acre dairy farm along Middle Creek in Snyder County. Hagerstown and Washington silt loam soil, 36 cow stanchion barn, room for expansion, pipeline, bulk tank, gutter cleaner, silo, machinery shed, corn cribs included. House recently remodeled. Owner financing available.

717-658-4173

YORK COUNTY

78 acres of rich farmland and pastures along Rt. 234 between East Berlin and York, PA. 2 springs flow through property. Large frame with asbestos 4 bedroom farmhouse, lg. bank barn, hog pen, chicken house, corn barn, workshop and 2 car garage, $200,000.

Sheaffer & Assoc. Real Estate
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Hanover, PA 17331
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New Listing
SOUTHERN LANCASTER COUNTY FARM

Modern dairy operation of 150 acres Chester Silt Loam soil with 12 unit milking parlor, 1,500 gallon milk tank, free stall barn for 260+ head, 2 harvestores and 3 concrete silos. Other out buildings and 3 family unit stone dwelling included. Additional land available. $550,000. Call today for excellent financing terms.

OTHER DAIRY, BEEF & HOG FARMS AVAILABLE ALSO. CALL THE FARM SPECIALISTS.

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(717) 786-2131

Beautiful stock farm of 130 ac. Full supplement of buildings. Fertile level land. Pretty view. Owner will sell all or part. Come see!

Farm - 104 ac. Good for sheep or cattle, also excellent for trees or vineyard. Well drained, view, long road frontage, some woods, could be divided easily. Log house, unimproved. 12½% interest FLB.

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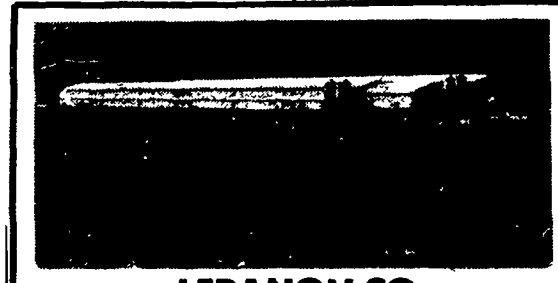
Woodstock, VA 22664
703-459-4660



LEBANON CO.

42 acre modern broiler farm, 104,000 bird capacity, nationally known homestead, old stone home, comp. remodeled, deep window sills, 4 bedrooms, 4 fireplaces, sliding glass doors, 2 car attached garage, frame bank barn, chicken coops, many many extras. $582,000. Owner will sub-divide, consider offers, etc. Let's work something out!

MONTOUR CO.

New Listing

57 acre general farm, approx. 50 tillable, very attractive residence, old barn in very good condition, 1000' of frontage on Rt. 44 & 54.

Henry Gehman, realtor
215-445-6653

NEW LISTINGS IN PERRY CO.

145 A Dairy Farm near Ickesburg 66 Tie Stalls, DeLaval pipeline milker, 1000 gal. bulk tank, 2-20 x 60 Silo W/unloaders 1-20 x 38 Harvestore Silo 50 x 100 Loafing Barn W/Bunk feeder Implement Shed & Heifer Barn Little Buffalo Creek runs thru pasture modern 4 B R dwelling.

BERKS COUNTY

7.6 A wooded near Rehrersburg Tulpehocken Twp.

8 A Farmette N. of Myerstown 1 story 2 B.R., 6 year old dwelling, metal 36 x 48 barn, 2 wells w/wind mill in pasture.

60 A General farm near Yello House 35 A tillable, bal. pasture with pond and stream. Modern 4 B.R. stone dwelling, large bank barn, corn crib.

108 A Limestone Dairy near Oley 76 show ease tie stalls, 4 unit pipeline milker, 800 gal. bulk tank, heifer barn, 20 x 60 star sealed silo, 20 x 60 Fickes Silo, 12 x 40 silo, 40 x 70 implement shed, Modern 3 B R. dwelling. Ready for today's diaryman.

LANCASTER COUNTY

40 Acre Farm near Reemstown Approx. 20 acres tillable, stream in meadow modern 3 B.R. dwelling, large frame bank barn, 3 car heated garage w/shop area bldgs., less then 20 years old.

15 Acre Farmette West of Honey Brook 2½ story block and stucco, 3 bedroom dwelling, horse barn and implement shed.

13 A. Farmette N. of Ephrata mostly tillable some wooded road frontage. Modern 5 B.R. dwelling, large bank barn, spring house, 30 x 44 metal storage bldg. don't miss this one.

JUNIATA COUNTY

78 A. General farm near Richfield

44 A. tillable bal. wooded and pasture. Modern 2½ story, 3 BR dwelling. Large bank barn, chicken house, hog sty etc.

CHESTER CO.

6.6 A. farmette 1 A tillable bal. wooded w/stream in pasture. 2½ story dwelling, large bank barn.

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Real Estate Broker
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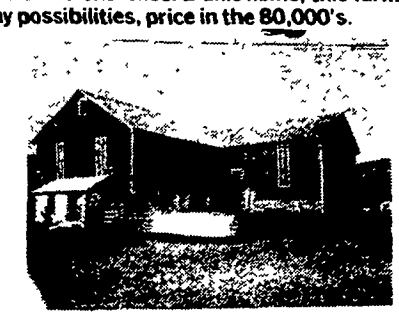
717-859-1004 With 24 hour service
or Paul Z. Musser 717-733-8107
or Paul Smith 717-933-8156

New Listing

Snyder-Juniata Co. Dairy farm, conveniently located in a valley setting. Area, near Mennonite schools and churches. 2 unit home, this farm offers many possibilities, price in the 80,000's.



Boyertown working dairy farm priced at $250,000.

Cumberland Co. dairy farm - 126 acres, tie stalls, bulk tank, silo, nice house, 85 tillable, priced to sell $198,000.

Franklin Co. Amish farm, 94 acres, large stone home, possible transferrable mortgage, price reduced to $145,000.

Juniata Co. good cropper, good buildings, secluded $190,000.

Snyder Co. 28 acres general farm, nice setting $69,000.

18 acres off of 104, stream, barn, 2 story home, Mennonite neighbors $68,000.

York Co. - 51 acres, quiet setting, pond,

135 acres stone home, farm buildings, 8.5½ transferrable mortgage $329,000.

Buy of the week - Juniata Co. 100 acre general farm, 70 tillable, brick home, large bank barn, pond stream. Priced to sell at only $130,000.

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REALTORS
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Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

DAIRY FARM

Financing available on this 200 acre, 175 tillable acres of level to slightly sloping highly productive land, 20 acres woods. 72x216 free stall, set up for 150 cows but has room for 200. 2- 40x100 bunker, concrete silos, 28x60 shop, 2 car garage, 4 bedroom house with new bath and modern eat-in kitchen. Wood stove setup, natural gas. Good access on blacktop road. 120 day growing season. $150,000.00. Southern N.Y., Steuben County.

WALK IN DAIRY FARM

Operating dairy farm, financing avable. Full line of machinery includes 2 tractors, 1 gas - 1 diesel, plows, drag, grain drill, 3 wagons, mower, hay bine baler, chopper, blower, spreader, already to go. 19 black and white cows. 64 acres of loam soil all flat. Large 2 story barn, milk house with bulk tank and milkers, silo, 2 family house, Owner retiring. 1 mile off Rte. 17, 12 miles west of Corning, Finger Lakes area. Complete $87,000.00.

OWNER FINANCING

600 acres, operating dairy farm, 400 acres tillable, w/large level to rolling fields. Woods and pasture. 4 ponds, creek and drilled well. Large dairy barn, 2 yr. old milk house, bulk tank and milker. Concrete silo, heifer barn, 2 houses. Can be bought w/s&e. 120 day growing season. Owner anxious to retire. Southern N.Y. Asking $198,000.

NATURE LOVERS

300 acres of rolling land in one piece, ½ wooded, 2 acres planted to fur trees. 2 large ponds, 1 stocked with rainbow trout. Owner reports some taken this year 21 in. long. Fronts on two roads, blacktop and gravel. One section fronts on abandoned town road has a pine stump fence. 20x48 pole barn in good condition, most of land is fenced, good farming area. Excellent hunting, duck, deer, turkey and small game. All mineral rights. Southern N.Y. Steuben County. $150,000.00.

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ALL SIZES TO 3,000 ACRES MOST FARMS WITH OWNER FINANCING.

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SCHUYLKILL COUNTY - 42½ acres, home, barn, garage, corn crib, cement block pig house for 100 pigs, $75,000.00 with owner financing or $65,000.00 cash.

NORTHUMBERLAND COUNTY - 75 acres, home, barn, garage, corn crib, 1600' stream, windmill, lots of road frontage, $85,000.00 with owner financing or $78,000.00 cash

NORTHUMBERLAND COUNTY-136 acres, home, barn, 6 other buildings, pond, must see, $140,000 00 with owner financing or $125,000 00 cash

SCHUYLKILL COUNTY - 146 acres or 189 approved building lots, large barn, warehouse, home, garage, silos, much more, $375,000.00 with owner financing or $350,000.00 cash

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CAYUGA COUNTY N.Y.
110 ACRE HOG FARM

60 acres tillable w/40 acre planted to winter grain. Included 40x145 barn w/12 farrowing crates, 7 sow pig nursery pens and 16 breeding and gestation pens. 12x32 pig nursery barn w/slats and pit, 40x40 pole barn, grain storage bin, automatic feed mill, 3 bedrm. home. Asking $105,000, call 315-252-0521.

JUNIATA COUNTY

25 acre farm in beautiful country setting. 144 year old limestone house, 4 bedrooms, 7 fireplace, old cherry paneled doors in living room. Oil hot air heat. Large barn and sheds in good repair. White board fencing, meadow w/stream. This would make an ideal horse farm. Priced at $80,000.
Additional acreage available.
Call William H. Wilson, Realtor
215-265-3435

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323 W. Main St.
Mount Joy, PA
CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

FARMS FOR SALE
CHESTER COUNTY
NEAR OXFORD
190 acre Dairy Farm. 150 acres tillable: Stanchions, large silos.
175 acre dairy farm, 50 stanchions.
95 acre dairy farm.
80 acres of bare land, no buildings.
We have more farms for sale.
Owner Financing.
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FINGER LAKE AREA & SOUTHERN TIER:

New Listing: Very good 50 cow barn, 2 houses, Ontario soil, 130 acres plus tillable. Asking $165,000. Mennonite church close by.

155 acres, good house and barn large ties for 40 cows. Milk in double 3 parlor. Complete with cattle, machinery & produce. Just move in. $160,000 complete. A BEST BUY. Price firm.

390 acres, 5 bedroom house, excellent 95 cow barn, double loop pipeline. Lot of alfalfa. Asking $250,000. A BEST BUY. Wants any offer.

Cash Crop 340 acres, 220 tillable, 2 houses. Set up for heifers. 120 bushel corn land and over 100 acres alfalfa. $165,000.

Call or write

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Dairy, Horse, Beef & Crop
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Altoona, PA 16602
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Independently Owned

FOR SALE
DAIRY FARM - 176 acres, 40 tie stall barn. For sale by owner. Cumberland County.
Call 717-423-6293

BRADFORD CO.

260 acre river valley dairy and produce farm. 180 acres tillable. Highway location with busy roadside market. Good dairy and equipment included for $565,000. Real estate only $395,000. Unusual potential on this choice operation. Some owner financing.

UNITED FARM REAL ESTATE

OF PA INC.
R.D. 1 Towanda, Pa. 18848
717-265-5924

PENNA FARMS
CUMBERLAND CO.

113 acre dairy, charming stone dwelling.
82 acre all open land, murrill soil.
20 acre dairy farmette, 8 tie stalls, silo w/feeder.

FRANKLIN CO.

124 acre general, 95 tillable, plus buildings, 2 story dwelling, bank barn.
91 acre dairy. Owner financing.

PERRY CO.

126 acre general, restored 2 story brick dwelling, beautiful location.
106 acre dairy SOLD 2 silos, bank barn, NO DWELLING
58 acre general, frame dwelling, bank barn

Selling your farm?
No Obligation Appraisal

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Ph. (717) 243-6195

FARMS

NEWPORT R.D. 1 - 78 Acre General Farm with Pond. Partial owner financing $124,000
LIVERPOOL R.D. 1 - 95 Acre Tree and Hobby Farm with Y-Shaped Ranch House with Many Extras and Small Barn and Orchard. Approximately 30 miles from Harrisburg $136,000
ELLIOTSBURG - 171 Acre General Farm with remodeled stone house and frame barn. Owner financing $249,000
R.D. 1 LOYSVILLE — 181 Acre General Farm with 90 tillable acres. Barn and remodeled house. Owner Financing $199,000
R.D.2 MILLERSTOWN - 117 Acre Hog and Beef Farm with remodeled house $240,000

Call Don Bashore, Realtor Associate
717-436-8839 or 717-436-9213

OLIVER TWP. - 178 Acre Dairy Farm. Nice house and outbuildings. Stream and spring water .. $250,000

FARMS & LAND

F1-2-34 Snyder County Amish farm. 126 acres. Over 80 acres tillable. 20 acres permanent pasture. $115,000.

F1-2-31 Dairy farm w/cows and machinery in Union County 140 acres w/over 100 acres of excellent tillable soils All for only $324,000 Or buy farm only. Some owner financing

F-1058-B Near Danville. 53.3 acre farm with excellent barn & 4 bedroom home, 2/3 land tillable, 1/3 woodland $85.000.

F1-2-28 10 acre turkey farm. Modern. Over 76,000 square feet of floor space. Dirt floors. 45 KW auxilliary power included. Union County $410,000

F1-2-23 Dairy farm in Union Co. Good producing farm with 3 silos and unloaders. 102 free stall barn, bank barn, etc. 1000 gal. bulk tank, pipeline milking system, 75 acres approx. 65 acres tillable, class II and III soils. $199,000.

F1-2-27 64 acre Amish farm. 35 acres tillable. 2 barns. Snyder County $75,000.

F1-2-25 Union Co 50 acre general farm. Limestone Twp. near White Springs 35 acre tillable Excellent producer $100,000. Road frontage near Selinsgrove on U.S. Rt. 522. With or without buildings. Excellent business location High traffic area

Other Farms Also Available

ERA

BOWEN AGENCY, INC.
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Selinsgrove, PA 17870
(717) 374-2165

John Mitchel 966-2174
Phil Graybill, GRI 717-374-8038
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John Conrad 286-8736
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NORTHCENTRAL PA.
FARMS & INVESTMENTS
Priced To Sell | Priced To Sell

TIOGA CO. - 172 acre dairy farm, 48 tie stalls. Heifer room, 3 stall parlour or milk in barn, bulk tank, milkers, barn cleaners, large house partially remodeled. Everything ready to go. Possible FMHA financing to qualified buyer. Owner anxious at $125,000. W-613 PH: 717-724-5921

SIX 10-ACRE LOTS - excellent hunting, recreation, or home sites. Take your pick at $7500 per lot.

PA COMMERCIAL OR HOBBY FARM - 50 head dairy barn on approx. 50 acres all same side of road, 20x60 silo, mow conveyor, partially remodeled house in shade trees, all overlooking beautiful Cowanesque Dam. Just listed at $62,000. More land availalbe. FLB 12¾% Int., existing mortg. M-322 PH: 717-662-2138.

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WESTFIELD, 108 Main St 814-367-2249
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GIGANTIC SELECTION
In Lancaster Farming's CLASSIFIEDS

2 Adjoining Farms in Franklin Co.
77 and 105 acres, Amish farms nearby, and 71 acres of woodland
VanCleve Real Estate
717-392-3032

Virginia dairy farm for lease, 2 barns, milking parlor, 2 silos, 61 acres of land, 24 cows available. Send replies to:
Lancaster Farming
P.O. Box 366 R-33
Lititz, PA 17543

CENTRAL PA FARM LISTINGS

BLAIR COUNTY

GENERAL FARM - 131 acres (106 productive, tillable, 25 woodland & pasture), near Williamsburg. Solid 2-story frame house and bank barn ideally suited for livestock. Buildings are centrally located on land. $170,000

CENTRE COUNTY

GENERAL FARM - 123 acres (45 tillable, 32 pasture, 44 woodland). Excellent water supply. 2-story frame house, mostly remodeled, 30'x60' high clearance pole building. Yarnell area. $119,500.

GENERAL FARM, 125 acres, (tillable, pasture, woodland and marketable timber.) 2 story house, bank barn, new 40x60 Butler implement shed, outbuildings, stream Full line of farm equipment also available, owner financing $139,500 with 10% financing.

DAIRY FARM, 136 acres, (113 tillable, balance pasture,) sound 2 story dwelling, excellent dairy facilities, including modern 1 story dairy barn w/52 tie stalls and attached free stall heifer barn w/40 stalls, 3 concrete stave silos w/unloaders and 2 story bank barn in addition. Pond. $299,000.

THREE LISTINGS - 2 MILES EAST OF REBERSBURG

10 ACRE FARMETTE - frontage on Rt. 192. Sound 2 story house, new 30' x 60' 2 story barn & garage. Nice laying land. Suitable for a limited acreage dairy operation with the adjacent barn listed below. $52,500. 45 acres of woodland also available.

2 STORY BANK BARN, 41' x 90' with a 40' x 45' attachment. The barn has 27 tie stalls & an attached milkhouse. 2 silos, 12' x 50' & 10' x 35', 2 implement sheds. 2 acres of land included. Small additional acreage available. $35,000. Adjacent to the farmette above.

5.44 ACRE FARMETTE with 2 [SOLD] house, workshop and barn ideal for a cabin or seasonal use. Tillable available. $25,000.

GENERAL FARM - 105 Acre 92 acre highly productive tillable land, 15 acres pasture and woodland. Very good house, barn, garage, stream. Nittany Valley near Hublersburg. $177,500. Owner Financing.

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest. Picturesque with tillable and wooded acreage; 2-story house, 2-car garage, very good condition. Stream provides water for house and pond. Excellent investment, ideal for horses or recreation. $150,000. Owner financing

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs. Barn equipped for farrowing and finishing hogs. Small stream. Approximately 18 miles from State College. $92,500.

CLINTON COUNTY

GENERAL FARM 183 acres near Loganton. 83 acres productive tillable land, 9 acres pasture, 89 acres woodland. Very good 2 story frame house, large bank barn, garage, hog pen. Small stream, well & 2 springs. Joins state forest land $172,500, owner financing.

HUNTINGDON COUNTY

LIVESTOCK FARM - 419 acres (approx. 220 acres tillable, 140 acres pasture, 59 acres woodland). Buildings include a brick home, 2 barns, garage, 2 silos, 2 large equipment sheds. 3 ponds are situated near the buildings. $345,000 Owner Financing

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & 30 woodland). 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings. Dairy facilities are less than 2 yrs. old. Spring water. $295,000 Owner Financing.

GENERAL FARM, 185 acres, (95 tillable, 24 pasture, 62 woodland) 2 story log constructed dwelling with frame attachment, bank barn, implement shed, outbuildings, 2 ponds, stream. $148,000.

BEEF OR HORSE FARM. 218 acres, (80 clear land, balance wooded). Jackson Twp. Petersburg, refinished 2½ story house, 2 story bank barn, garage and outbuildings. Several springs, $164,500.

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville. 270 acres (165 level, very highly productive tillable). Good 2 story house, bank barn. 60 x 120' cattle barn, suitable for freestalls, 20' x 60' Harvestore, 2 streams. Owner financing. $325,000.

MIFFLIN COUNTY

GENERAL FARM - 75 acres (63 tillable) balance pasture and woodland. A very nice 2-story house in a picturesque setting. Includes bank barn suitable for livestock or horses. $115,000.

DAIRY FARM - 90 acres, (75 tillable, 9 pasture, 6 woodland). 2- story frame and stone house, bank barn with 18 tie stalls, milk house, 14x60' silo, small stream. Near McVeytown. Good road frontage. $148,500.

DAIRY FARM - 91 acres, (60 tillable, 3 pasture, 28 woodland) Frame house, tenant house, milking barn with 32 tie stalls, freestall barn with 60 free stalls, 20'x60' & 16'x60' silos, implement shed and shop. Near McVeytown $200,000.

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM - Near Turbotville. 231 acres (174 very productive tillable). Good 2 story house, bank barn, implement sheds, & like new grain drying facilities. Owner financing. $325,000.

GENERAL OR LIVESTOCK FARM - 105 acres. (100 acres highly productive tillable land. 3 acres pasture), excellent road frontage. 2-story house, barn & outbuildings $185,000, owner financing.

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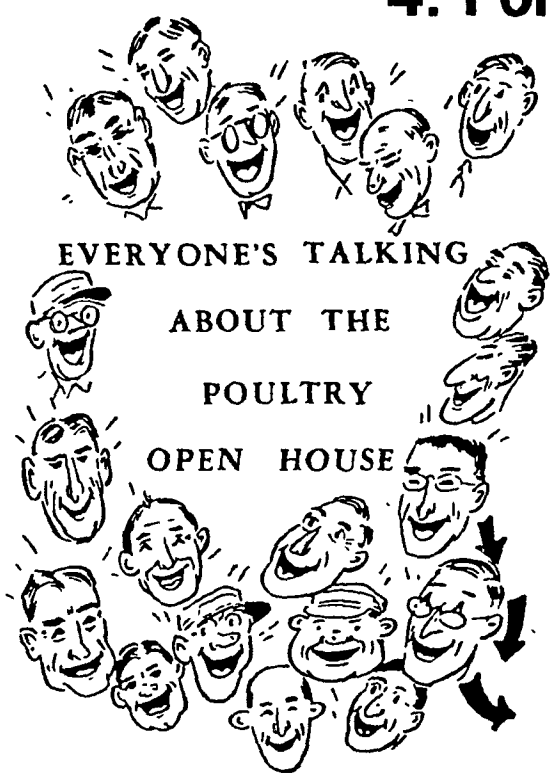

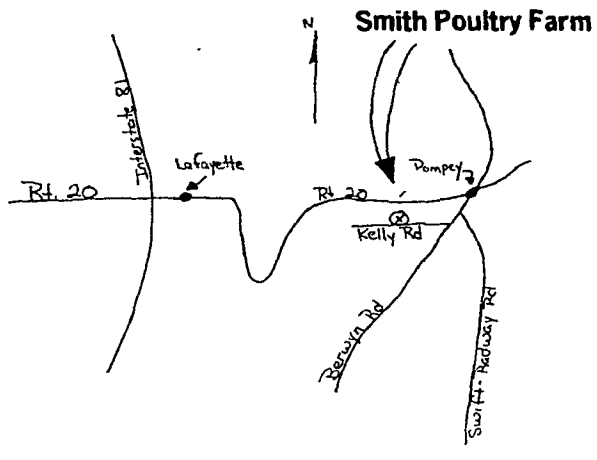

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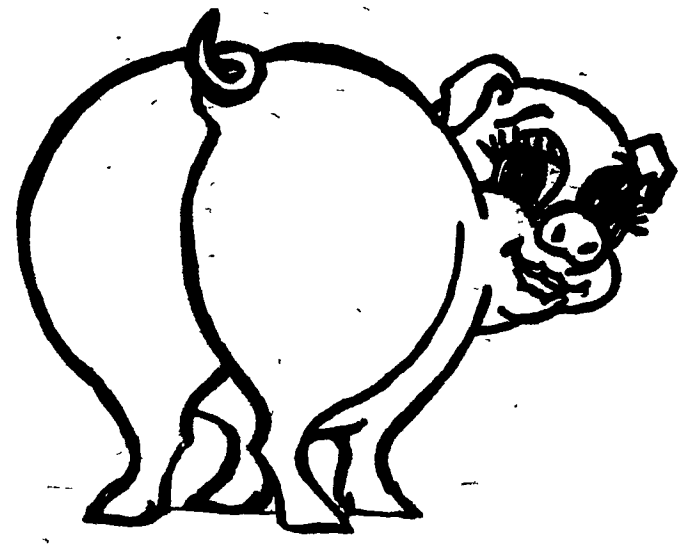

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World ag week in review

WASHINGTON, D.C. — The Foreign Agricultural Service of the U.S. Department of Agriculture last week reported the following recent developments in world agriculture and trade:

Grain and Feed

In Canada, West Coast (Vancouver and Prince Rupert) longshoremen walked off the job Oct. 20 in response to the British Columbia Employers Association's closing of non-grain facilities Oct. 19. The association said that keeping non-grain facilities operating at the ports was uneconomical, given the work slowdown by non-grain handling longshoremen, which had been in process since mid-September. The West Coast longshoremen have been working without a contract since December 1981.

The work stoppage has occurred at a particularly bad time for Canada, which is preparing to ship record levels of grain following a recent 7.6 million-ton grain sale to the Soviet Union. About 20-25 ships were expected to arrive for loading by Oct. 22. Weekly shipments in September off the West Coast generally average about 220,000 tons per day; monthly movement last October reached about 1 million tons.

A work stoppage lasting any appreciable length of time is likely to reduce Canadian prospects for record wheat exports (currently forecast at 19.5 million tons) this season. The last such labor action occurred in September 1981 and lasted about 12 days.

The European Community is expected to harvest to harvest a record grain crop in 1982 roughly 122.5 million tons, excluding about 4.5 million tons of durum wheat. This would be 3 million tons above the "guaranteed threshold" of 119.5 million tons fixed for the 1982-83 marketing year, and could possibly trigger a 3 percent drop in EC support prices for grains in 1983/84.

According to reforms adopted in May 1982, grain support prices will be reduced the following year (in this case, 1983/84,) by 1 percent for each million tons over the 119.5 million-ton threshold established for the 1982 crop. That reduction only applies to intervention prices for domestically produced grains and would not affect target or threshold prices, which determine the price the EC pays for imported grains.

However, the final grain production "guaranteed threshold" could still differ from the 119.5 million-ton level if non-grain feed ingredient imports for 1982 were to exceed a target of 15 million tons. Each million tons of NGFI imports above the target increases the grain production threshold by a corresponding amount.

The actual impact on 1983/84 support prices is uncertain, as the final level of NGFI imports for 1982 is still unknown and the EC does not establish its support prices until just before the beginning of the new marketing year. In 1981 and 1982, the EC raised its support prices by 6 and 8.5 percent, respectively. Without specifying 1983 support prices in advance, the Community can continue to raise support levels while appearing to take positive action to discourage excess production.

Reflecting favorable weather that prevailed throughout southern Eastern Europe, Yugoslavia is expected to harvest a record corn crop this year, according to currecnt Yugoslav official estimates. This year's crop may reach 10.5 million tons, or roughly 700,000 greater than in 1981. Consumption of corn also is likely to rise, but will not absorb the record crop.

As a result, Yugoslavia will have a surplus of roughly 600,000 tons of corn for export, about 400,000 tons more than exported in 1981/82. Regardless of whether Yugoslavia can export its high-priced corn at today's market prices, this year's surplus will certainly cut into the country's corn imports—possibly eliminating imports entirely in 1982/83. During 1981/82, Yugoslavia imported 327,000 tons of U.S. corn.

Oilseeds and Products

Spain's 1982 sunflowerseed crop will be larger than earlier expected, possibly a record 750,000 tons, compared with the drought-reduced 1981 level of 298,000 tons, according to the U.S. agricultural counselor in Madrid. The larger output is attributed to improved growing conditions and an increase in area from 708,000 hectares last year to a record 815,000 this season.

Dairy, Livestock and Poultry

In Hong Kong, consumption of fresh milk is expanding rapidly and domestic supplies are being supplemented by China. Hong Kong's domestic milk production, which grew from 4,100 to 4,500 tons between 1978 and 1981, faces limited imports, which now account for 75 percent of Hong Kong's milk supply, doubled. Currently, more than 90 percent of these imports are delivered to Hong Kong in consumer-ready packages. However, a recently signed multi-year contract between a Hong Kong dairy and China's Guangdong Province calls for bulk delivery of non-pasturizedmilk.

In the Soviet Union, September data for state and collective farms indicated some further improvements in the livestock sector. Total meat production during September surpassed the September 1981 level and brought cumulative meat production for January-September to only 0.5 percent below the 1981 level. Milk production and per cow milk yields on a cumulative basis are also running above last year.

Cumulative beef production is reported to be 1 percent below 1981, while pork-production is off 3 percent. Poultry meat production is 8 percent above the 1981 level. Cumulative egg production is reported to be 3 percent above 1981. Total production of milk and per cow production are also reported to be above 1981. State procuments of all these products have increased as fast, or faster, than production.

Slaughter weights for both cattle and hogs continued to average below normal during September, while numbers were reported at 91.9 million head, up 0.8 million head from 1981. The number of hogs was reported at 59.1 million head, 0.7 million above 1981. Sheep and goat numbers—at 122.6 million head—were down 2.3 million from 1981.

Vegetables

Italy's 1982 crop of tomatoes for processing will total 2.8 million tons, 9 percent below last year's crop, according to the U.S. agricultural counselor in Rome. Planted tomato are for 1982 was nearly 3 percent below last year. Lower yields in the two main producing regions of Campania and Emilia Romagna resulted from a prolonged drought, followed by frequent rain and hail. During the planting period, plant losses occurred from the unfavorable weather. The total 1982 tomato crop for Italy is now estimated at 4 million tons, representing a decline of nearly 12 percent from last year.

Japan's 1982 potato and onion crops—at 3.65 million and 1.23 million tons, respectively—are 17 percent and 18 percent above 1981's weather-reduced output. Harvested potato area in 1982—at 127,300 hectares—was 1 percent above 1981. Harvested onion area—at 29,000 hectares—was 3 percent above 1981. Increases in area resulted from higher market prices in 1981, while larger yields are attributed to favorable weather conditions.

7½ 12

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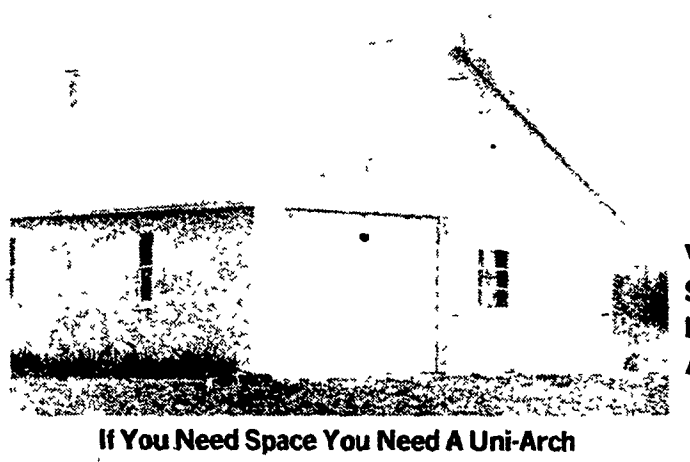

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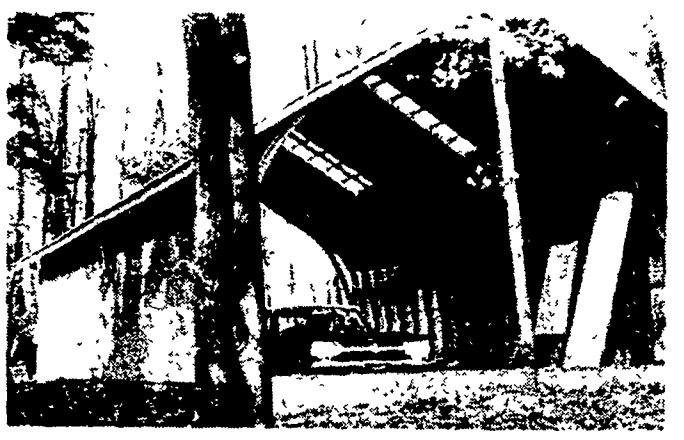

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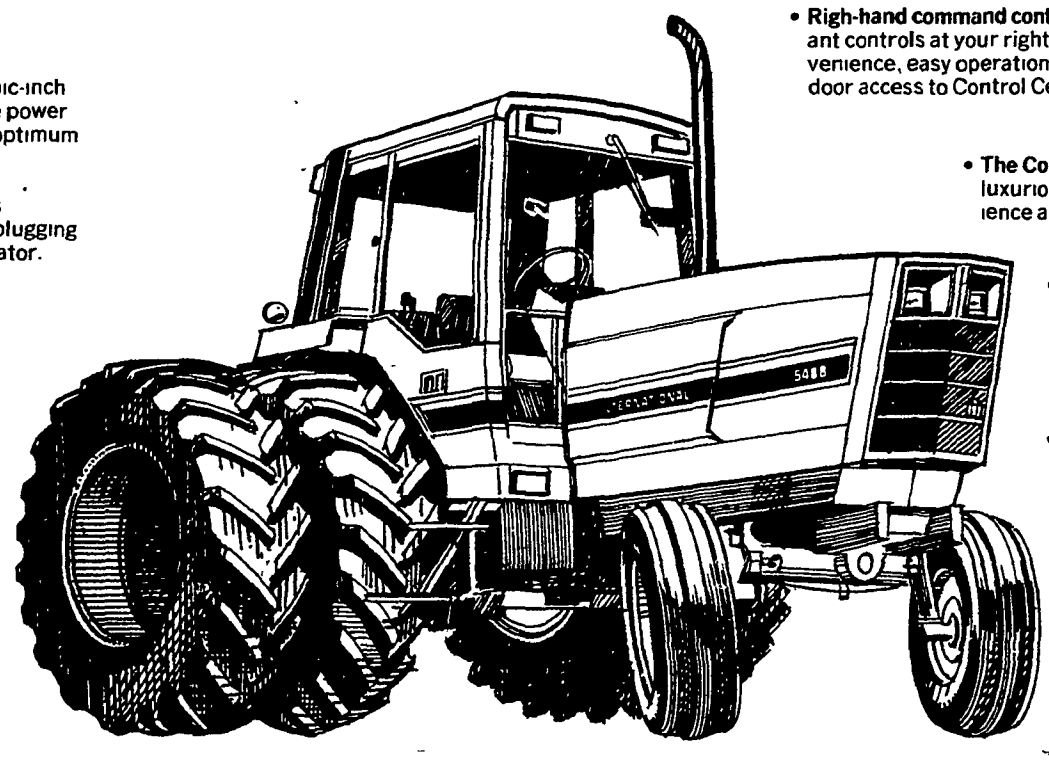

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Upper Susquehanna DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

September 1982

Rolling herd averages above 650 pounds fat

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Montour					
Carl R. Slater & Son	RH	32.3	89.8	21,265	791
PA Dept. of Ag.	R&GrH	117.4	86.5	18,480	707
Mar-Ja Farm	RH	135.3	89.2	16,311	664
Earl W. Harris	RH	54.5	84 5	18,390	664
Clifford A. LeVan	RH	20.3	91 0	16,578	655
Northumberland					
F. & T. Strouse	R&GrH	60.7	87 2	17,907	709
R. Truckenmiller	R&GrH	57.6	86 5	18,426	698
Jerry Smith	RH	47 7	87 9	18,489	672
Snyder					
Narehood & Sons	R&GrH	58.5	89 5	19,318	760
Randolph Hoffman	R&GrH	30.1	84.3	20,802	739
E. & D. Apple	R&GrH	60.4	89 9	19,037	739
Harold S. Hassinger	RH	40.4	88 4	17,827	705
G. & B. Carper	R&GrH	55 4	85 6	17,798	700
W. Paul Womer	R&GrH	34 1	88 3	19,167	695
R. Ulmer & Sons	R&GrH	56 8	84 3	18,401	691
Dale Hornberger	R&GrH	38 4	85 2	17,733	683
I & M. Wenger	R&GrH	49 0	88.3	17,411	675
Sauderdale Farm	R&GrH	47 7	86 0	17,051	666
J & M. Shirey	RH	60 3	87.4	17,960	664
Jesse J. Yoder	R&GrH	61 9	90.3	17,614	662
Urie & Dan Yoder	RH	51 0	83.8	17,138	655
D & N Hornberger	R&GrH	28 1	90.5	17,055	654
Union					
Clarence W Beiler	RH	61 6	88.6	19,777	782
Amos J. Zook	R&GrH	52.6	85.8	18,871	725
Wood Ann Fm Inc	R&GrH	31.1	85 9	18,676	697
Elam Beiler	RH	40 6	90.0	16,525	686
San Be Farms	RH	64 3	88.1	18,185	677
John F Stoltzfus	R&GrH	48 9	88 5	18,552	669

Lactations finished over 750 pounds butterfat.

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Montour					
Pa. Dept of Agriculture					
881	8-4	302	23,256	4.2	967
947	7-0	305	20,689	3.9	800
998	6-4	305	22,736	3 7	850
129	5-4	305	22,505	3 3	752
Ralph Kitchen					
Milly	8-0	305	19,232	4 2	813
Mar-Ja Farm					
Twiggy	5-6	305	19,096	4.4	842
Carla	5-11	305	21,302	4 0	846
Camilla	5-1	305	22,219	3.9	866
Betty	4-0	305	16,952	4.5	769
Abby	3-2	305	19,285	4.3	820
Pebbles	3-2	305	17,871	4.2	756
Earl W. Harris					
Zippy	5-1	274	21,638	3 8	814
Angel	3-2	305	22,170	3.4	753
George Farms, Inc.					
38	5-7	305	18,087	4 4	799
Northumberland					
Jerry Smith					
Joy	6-3	305	26,603	3 4	908
Jane	6-2	305	22,637	4 1	921
Kittie	5-2	300	24,219	3.6	864
Jen	4-2	305	21,779	3.7	807
Linda	4-5	302	22,320	4 1	911
Robert Truckenmiller					
57	6 3	305	24,184	3 6	881
21	3-4	269	22,111	3 6	787
Paul Wolfe & Sons					
Cutie	5 1	305	19,905	3 8	764
Leon Epler Farms Inc					
93B968	6-3	305	20,169	3 9	786
Ernest L. Wolfe					
Sun	4-7	299	24,569	3 3	818
Rhonda	2-11	305	22,420	3 8	862
Liz	2-10	305	26,457	3.2	859
Park Buckwalter & Sons					
Grace	5-0	305	23,152	3.7	862
Bandit	4-1	284	22,425	3.3	751
Irvin Reynolds					
3	4-3	305	20,606	3.7	765
R.M. D. Shultz Farms					
Frances	5-11	305	22,453	3.6	814
Donald E. Bieber					
Julie	3-3	305	19,152	4.0	772
Lloyd B. Zimmerman					
108	2-11	291	21,255	3.6	769
Shoch Manor Farms					
98	6-9	305	26,582	3.3	864
153	7-0	305	15,961	4.8	762
209	6-0	305	24,880	4.3	1071
131	3-2	305	16,061	4.9	785
Fred & Tom Strouse					
Joline	4-4	305	20,872	4.1	853
Buffalo	5-0	305	19,114	4.7	903
Rachel	4-7	305	17,345	4.8	828
Snyder					
C.C. Fisher & Son					
Rachel	9-8	305	20,315	4.0	822
Fag	5-5	305	22,703	3.8	859
Mabarbil Farms					
Thunder	3-4	305	26,205	3.4	896
Richard G. Nerhood					
Marilyn	4-3	305	17,826	4 6	812
Urie & Dan Yoder					
Bertie	7-3	303	20,038	3.8	753
Lass	4-5	305	20,173	4.3	864
Wilma	3-10	305	20,837	3 7	776
Harold S. Hassinger					
124	6-8	305	21,215	4 1	874
Joseph & Grace Blank					
Suzann	6-4	305	21,751	3 6	791
Ruby	5-1	305	19,820	4.2	828
Marthea	4-10	305	23,573	3.5	815
Loulou	4-8	305	20,410	3 7	753
Glenda	3 3	305	22,108	3 4	754

(Turn to Page C5)

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DON'T WASTE IT — ROAST IT

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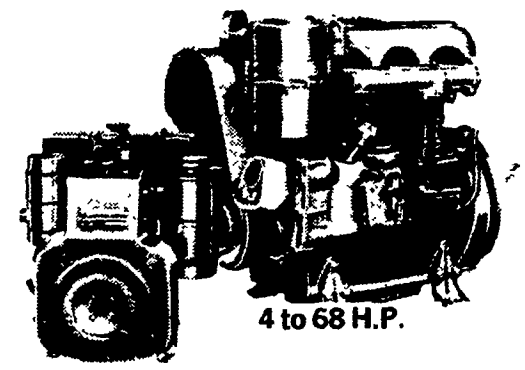
Diesel for Dairy, Shops and Equipment

26 powerhouse models to choose from. We have the right size, weight, shape, price and engine available.



4 to 68 H.P.

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Less Downtime Than Gas Engines

For years Lombardini has been Europe's largest supplier of small, air-cooled diesel engines. Now after several years in this country Lombardini is the fastest growing line of air-cooled diesels in North America. Lombardini specializes in small air-cooled diesels.

TAKE ADVANTAGE OF:

1. 12 month warranty or 2,000 hours
2. Low fuel consumption
3. Low maintenance.
4. Price per horsepower
5. Easy starting.
6. 100% back-up with parts and service.

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Let Us Know Your Service Problems
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PH: 717-656-6133
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2½ mile East of Leola-Along 772
DEALER INQUIRIES INVITED

DEALER:
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PH: 717-786-2173
RD 3, Quarryville, Pa.
2 miles west of Georgetown on Furnace Road

START CALVES ON FEED FASTER

CALVES ARE HEAVIER AND HEALTHIER AT WEANING - UNIVERSITY TESTS PROVE IT.

CEROGRAS®

NATURE'S FORMULA - Feed 2 oz. per day from birth to weaning. "Concentrated Spring Range" gives your calves the edge.

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OUTSIDE MO.: 1-800-821-6649

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MANCHESTER, PA 17345
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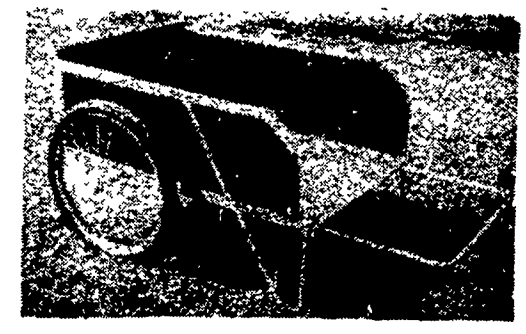
Phone: Outside PA: 1-800-233-1956

ALL PURPOSE CART



- Made of ½" exterior plywood
- Metal protected edges for longer life
- 2 sizes - 8 cu. ft. & 15. cu. ft.

Treated and Redwood stain, no strain for the back.
Great for lawn, garden and farm uses.
Will make any size you order.

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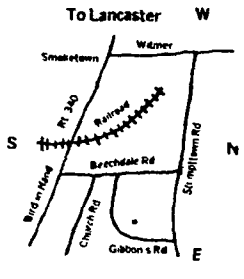
1½ Mile N. of Bird-in-Hand, PA



Upper Susquehanna DHIA

(Continued from Page C4)

W. Paul Womer					
Gay	10-0	305	22,062	3.6	803
Samuel U. Beiler					
153	7-4	305	21,345	3.7	783
Dale Hornberger					
35	7-6	305	22,196	3.5	777
15	4-7	305	22,802	3.7	854
James M. Hunsberger					
Blacky	6-0	305	17,083	4.4	753
84	6-5	305	17,951	4.3	768
Alvie D. Cook					
Jenny	6-0	284	18,189	4.8	865
Ginger	4-0	305	21,863	3.4	754
Robert Ulmer & Sons					
Elda	5-9	299	20,592	3.9	794
Peral	6-10	305	23,829	3.3	796
Elmer & David Apple					
12	5-2	304	19,495	4.3	831
Richard E. Weller					
30	4-6	305	19,015	4.5	853
Sauderdale Farm					
Jean	6-1	305	23,353	4.0	923
Michael & Deb Ewing					
Wendy	6-4	299	18,578	4.0	752
Larry & Marlene Paige					
Eve	9-0	305	20,376	4.2	864
Conewago Farms					
Boots	9-9	305	17,923	4.3	779
Brenda	5-4	305	17,021	4.5	766
D & N Hornberger					
Augie	3-1	305	21,293	4.5	954
Nevin C. Hoover					
Melinda	4-6	305	24,182	3.7	899
Union					
Leon M. Musser					
Bernie	3-10	305	19,739	3.9	777
Dock View Dairy					
23	8-3	305	21,141	3.8	803
89	5-4	305	20,129	3.8	761
Eugene Spangler					
Pet	3-10	305	17,179	4.5	777
Crumble	3-8	295	17,784	4.3	756
Locust-Row-Farm					
B148	4-10	305	19,896	4.2	832
San Be Farms					
Prissy	7-9	305	22,529	3.7	823
Kelly	5-10	305	19,025	4.0	757
Bernie	5-8	305	20,494	4.0	814
Paula	4-1	305	22,278	3.4	766
Claren W. Beiler					
Lois	6-3	305	20,611	3.7	755
Myra	8-7	299	25,215	3.8	966
Carosel	7-7	305	22,359	4.2	932
Janice	2-3	305	19,487	3.9	762
Elam Beiler					
Fay	4-3	305	18,363	4.3	781
Amos J. Zook					
Katie	6-2	305	24,601	3.3	811
Mary	4-0	300	18,888	4.3	820
John F. Stoltzfus					
101	5-2	305	21,815	3.5	767
50	4-10	305	20,367	4.0	824
Ben S. Yoder					
Maple	9-6	305	19,579	3.9	770
Tidy	5-9	305	22,431	4.0	892
Kore M. Yoder					
Bertha	3-11	305	20,612	4.0	820
Leroy C. Gotshall Jr					
Tracy	7-3	305	22,994	3.4	776
Rita	3-0	305	25,080	3.3	819
Jonas R. Zeiset					
Linda	7-6	305	20,899	4.0	841
Roger M. Shively					
Gerri	5-10	278	18,336	4.8	886
Jon H. Ocker					
Chita	4-1	259	16,141	4.4	708

POTTER COUNTY DHIA
September 1982

Rolling herd averages above 650 pounds fat.

Ivan Smoker & Sons	RH	99.0	88.3	21,900	801
Ivan Kibbe Jr.	RH	90.0	89.0	17,991	728
M. Sherman	R&GH	52.5	84.6	19,780	694
John C. Traub	R&GH	40.5	87.2	19,011	684
George Barker	RH	59.1	86.6	18,171	680
Wm. H. Currier	RH	63.2	86.0	18,124	675
Jack Thomas Sr.	Mix	39.8	87.3	17,965	661

Cows with lactations over 750 pounds butterfat.

William Currier						
Annabel	H	9-10	286	18,175	4.2	763
Josie	H	5-11	305	26,968	3.4	910
Jenny	H	5-9	305	22,764	4.3	971
Floyd Long						
Leslie	H	6-9	286	18,471	4.1	752
Ivan Kibbe Jr.						
Zella	H	6-9	305	24,837	3.9	958
Naomi	H	6-2	305	20,962	4.1	866
Memory	H	3-3	305	20,152	3.7	750
Jack Knowlton						
Pin	H	5-11	291	23,095	3.6	842
Sandy	H	5-7	305	19,099	4.2	803
Quinn	H	3-11	305	25,702	3.5	904
Alvin Miller						
#265	H	4-8	305	20,107	3.9	791
#17	H	3-3	305	19,334	3.9	756
Ivan Smoker & Sons						
Dawn	H	6-7	305	21,816	3.8	823
Bella	H	3-7	305	24,491	4.4	1072
Robert F. Greene Jr.						
Brenda	H	4-2	305	17,957	4.3	769
William Butler						
Nona	H	6-4	305	19,751	4.3	847
Brooke	H	4-8	305	22,600	3.6	803
Stan and Sarah Brubaker						
No. 74	H	4-6	305	16,473	4.7	776
Kevin Risser						
Pamela	H	4-10	305	23,102	3.4	790
Jack Thomas Sr.						
Anjel	H	3-2	305	20,635	3.8	783

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Sold in sorted lots the auction way. See them weighed and sold and pick up your check.

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HIGH PRESSURE WASHING
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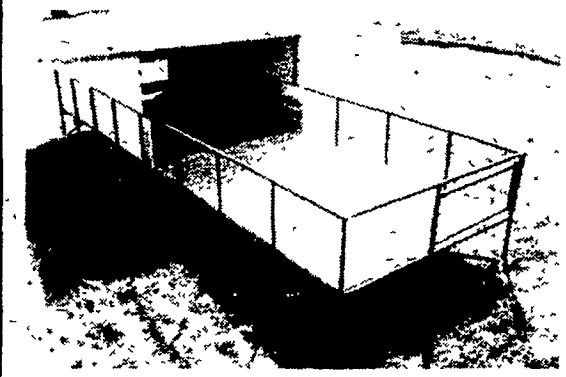
HOG SHELTERS
Model 70 and 40



- Nebraska style with slant roof
- Treated oak shiplap inside
- ¾" urethane insulation in ceiling
- Oak slats

Both models constructed of 2" tubing.

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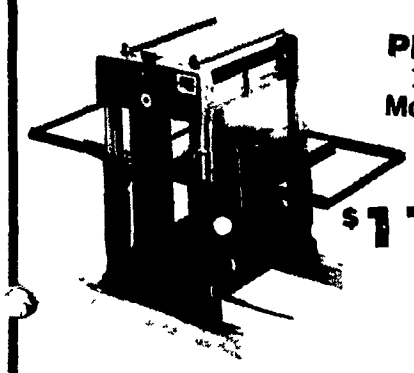
- Generator Trailers

Owned by Samuel G. Musser

MAKITA SPECIALS



PLANER
15-5/8"
Model 2040
$1195.00

- Units fully assembled with motor
- Compact design, easily transported
- 2HP, single phase, 115V motor included

SPECIFICATIONS:

AMPS (115V)	13
SPEED	6500 R.P.M.
DIMENSION (WxHxL)	22½"x28-1/8"x 40-3/8"
NET WEIGHT	254 lbs.
PLANER	
MAX. CUTTING WIDTH	15-5/8"
MAX. THICKNESS	¼"- 7-5/8"
FEED RATE	29.5 ft/min.
NO. OF KNIFE	2
TABLE DIMENSION (WxL)	15-5/8"x23-5/8"

½" DRILL
Model 6013BR
- 550 RPM Reversible.
- 6 AMP

$97.25 6013BR

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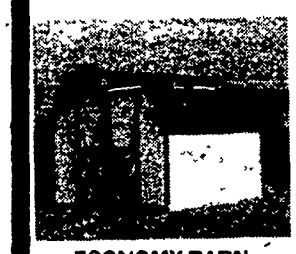
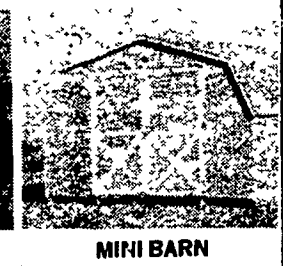
QUALITY DESIGNED STORAGE BARNS
ALL WOOD CONSTRUCTION SINCE 1973
— BUILT TO LAST! —



ECONOMY BARN



MINI BARN

See Our Display at Green Dragon Every Friday
- Instant Installation on your Prepared Site
- Complete with Floor and Paint
- All Sizes Fully Assembled

MINI BARN SPECIFICATIONS
- 4x4 Pressure Treated Skids for Runners
- 2'x4' Floor Joists Spaced 16" on Center Covered with 5/8" Plywood
- 2x4 Stude on Corners, 2x3 in Center
- Roof Trusses are 2x6 and 2x4 Covered with 3/8" Plywood
- 240 lb. Shingles on Roof
- Sidewalls are 5/8" Rough Sawn Texture Plywood Exterior
- Colors - Red, Green, Gray, 3 Shades of Brown

FREE DELIVERY Within 20 Miles of Shop

MINI BARN PRICES	ECONOMY BARN PRICES
• 6x8 ..... $365.00	• 6x8 ..... $325.00
• 8x8 ..... $410.00	• 8x8 ..... $375.00
• 8x10 ..... $475.00	• 8x10 ..... $400.00
• 8x12 ..... $525.00	• 8x12 ..... $440.00
• 8x14 ..... $575.00	• 8x14 ..... $495.00
• 10x12 ..... $625.00	• 10x12 ..... $545.00
• 10x14 ..... $675.00	• 10x14 ..... $595.00
• 10x16 ..... $725.00	• 10x16 ..... $645.00
• 12x14 ..... $775.00	• 12x14 ..... $695.00
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• 12x20 ..... $985.00	• 12x20 ..... $885.00
• 12x24 ..... $1195.00	

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HOURS: Mon. thru Fri. 9-9; Sat. 9-5; Closed Sun

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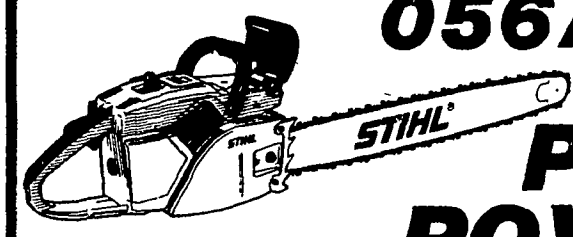

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It's 16.8 pounds of muscle with absolutely no fat. And it rips through the heaviest timber without showing the least bit of fatigue. Test cut the new 056AVSE. You'll find a lot of strong reasons to put it to work.

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1 Mile North Rt. 897 From Gap

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Rt 501 1½ Miles South of Schaefferstown, PA
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½ Mile West on Rt. 322,
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THE WORLD'S LARGEST SELLING CHAIN SAW

Queens County DHIA Monthly Report

September 1982

OWNER	NO. COWS	% FAT	LBS. FAT
Top 10 herds			
Kimstead Farm	77	68.1	2 71	73 4
Harry Schrader & Sons	126	53.6	2 33	61 1
Wm. & Wayne McFarland	83	52.7	2 17	58.0
Charles R Patterson	88	51.0	1 90	52.9
Louis J. Palmatary & Sons	97	48.4	1 85	50 9
Franklin & Jeffery Moore	75	50 6	1.77	50.6
John & Donald Skinner	47	47.4	1.79	49.5
John L King, Jr	145	43 9	1.78	47 9
Boone Brothers	110	47.9	1.64	44 3
Benjamin Stanton	29	43 2	1 70	46.3

Cows that completed their lactation over 750 pounds butterfat:

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Chestnut Hill Farm				
53	2	4-10	23,420	996
75	6	8-07	18,660	796
F. Reed Leaverton				
200	2	4-01	22,810	923
36	3	5-01	21,330	903
288	3	4-07	20,340	885
Franklin & Jeff Moore				
1890 Karen	8	9-01	23,690	864
2045 Kora	1	2-00	16,830	772
Kimstead Farm				
15/Adream	3	4-03	23,890	942
758/Kim	1	2-09	23,150	906
Wayne McFarland				
96/Christin	4	5-01	19,160	785
Hollyberry Farm				
1070/R70	4	5 07	16,800	754
Harry Schrader & Sons				
259/Adella	4	5-06	23,720	1132
330	2	3-08	20,410	845
425	1	2 00	18,660	823
305	3	4-01	20,950	767
Parry Farm				
129	4	5-11	20,400	805
Boone Bros				
64	4	5 09	20,010	931
41	3	4-05	22,830	900
23	3	5-06	19,460	811
94	2	3-08	20,740	810
John L. King				
1308	4	5 06	25,610	1125
754	4	6-00	26,640	1007
729	4	6-03	20,160	942
824	4	5-07	24,090	818
1037	1	2-09	18,000	814
1126	1	2-00	17,850	772

CARROLL-BALTIMORE COUNTY DHIA
September 1982

Maple Lawn Farm (C. E. Iager & Sons), Fulton, Md. had the herd with the highest average for the month of September according to figures just released by the Carroll-Baltimore Dairy Herd Improvement Association.

During the month of September 116 dairymen in Carroll-Baltimore counties participated in this program Listed below are the herd with more than 650 pounds of fat.

Maple Lawn Farm, Inc. (C E. Iager & Sons)	159	18,963	728
Barnes and Wilhide	66	17,918	705
F. Lindsey Wilson	80	18,336	684
Del-Myr Farm (Roger Myers & Sons)	88	19,161	677
Marlin Hoff	435	18,233	671

WASHINGTON COUNTY DHIA
September 1982

Herds averaging above 650 pounds butterfat.

Lewis Lehman	29	17,279	650
Marlin Martin	40	19,801	652
William H. Price	40	18,791	656
Earl Grove, Jr.	96	18,341	844
Seth K Schnebly	46	13,168	808

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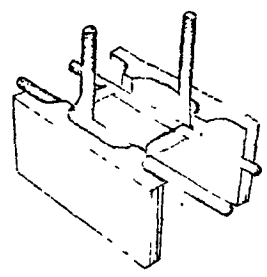

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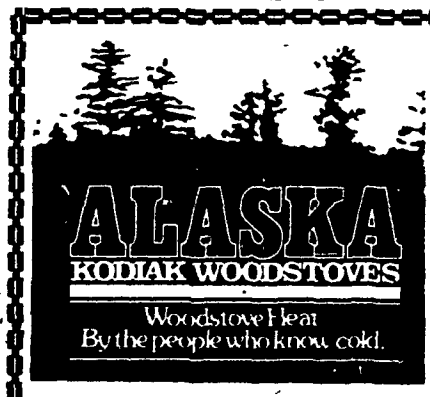

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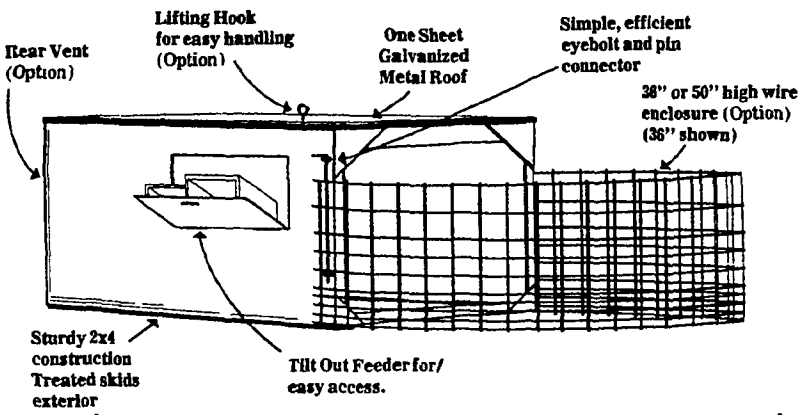
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JAMES E. NOLL GRAIN

Modern farmer faces stress

LANCASTER — Farming is fast nearing the top of the list of stressful occupations.

Blame uncontrollable weather, a sagging economy and a changing lifestyle that gives farmers much time to build anxiety.

"Farming is one of the most stressful occupations as well as one of the most dangerous ones," said William Heffernan, University of Missouri-Columbia rural sociologist.

"Besides, many farmers operate high debt operations while being at the mercy of the weather and market prices over which they have little control."

Heffernan, UMC agricultural economist James Kliebenstein, and rural sociologist Deborah Peck recently analyzed the stress facing farmers. Then they set down some guidelines for managing that stress.

Among other things, they recommended that farmers "build credit reserves during good years which could be drawn upon during bad years."

That not only provides a little security for those in farming, but it's generally more profitable. Recent studies among farmers participating in the UMC Mail-In Record Program showed those with the most equity (least amount of debt) made a profit last year, while those with high debt loads of 40 percent or more lost an average of $12,000 — even though they did as good or better job of farming than those with lower debt loads. High interest rates gobbled up their profits.

Another problem with farming is that it isn't the hard physical occupation it once was. At least it's not hard work each and every day for most farmers.

Crop farmers, for example, work hard at planting time and again at harvest time. During the rest of the year they have plenty of time to worry about weather and market prices.

Some farmers, including Secretary of Agriculture John Block, have taken to jogging or other recreational activities to maintain fitness and reduce stress.

"This business of fitness and stress may be even worse for part-time farmers," said Heffernan, who speaks from experience.

"I find myself at a desk during most of the week, then shoveling out a bin on weekends. that provides quite a range of physical stress."

To cope with stress, Heffernan, Kliebenstein and Peck recommended that farmers do what they can to gain a feeling of mastery and control over their environment. An example would be for a farmer to install an irrigation system so he or she doesn't have to worry about summer droughts.

Other suggestions included eliminating unnecessary stresses (like an employee or an activity you don't like), developing support networks (like close friends and relatives, pastor, county agent or neighbor), and scheduling recreation.

"Some idleness should be included in every day," Heffernan said.

By the same token you can "work off tension" by doing physical work which is constructive."

Other suggestions for coping with stress include: following good health practices, relaxing — muscle or mental relaxation, and meditation, and seeking help.

Excessive moodiness and depression, withdrawal from responsibilities, feelings of helplessness and poor emotional control are all signals of severe emotional problems." Peck said.

"Any farmer experiencing these symptoms should talk with a clergyman, family physician, mental health professional or other professionals who can help him or her get over the rough spots and back to a normal, healthy life.

"To manage stress, you must have the ability to recognize it, the courage to admit it and the motivation to deal with it."

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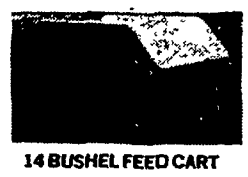
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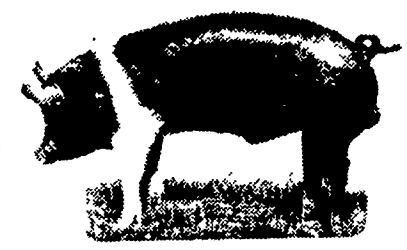

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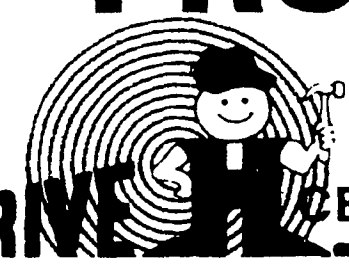

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Breeding guidelines highlight MD-ABC open house

FREDERICK, Md. — The 22nd Annual Maryland ABC Open House was recently held here at the Sire Power headquarters. Approximately 400 cooperative member dairymen, friends, and guests attended from Maryland and West Virginia.

Extension veterinarian at North Carolina State University, Dr. Jack Britt presented a humorous, though informative, message on reproductive management.

According to Britt, there are three key questions to answer which is the basis for successful reproductive management: Who is she? What is her reproductive status? And what action needs to be taken?

"Good identification is a must in order to manage a herd for reproduction," said Britt. "Cows must be identified properly for technican service or the wrong cow could get bred. Heat detection is still a challenge in a reproductive program."

Britt said all cows can be put into five categories: 1) post-partum (pre-breeding), 2) breeding group, 3) pregnant (lactating), 4) pregnant (dry cows), and 5) problem cows (open over 100 days).

"We make more mistakes on dry cow management than any other part of managing reproduction," said Britt. "There are many important factors to consider while the cow is dry to alleviate problems when she freshens." Britt emphasized not to overcondition cows and provide the proper nutritional requirements while pregnant to prevent problems.

Britt conducted a study on post partum reproductive performance. He found the size of the cervix had a direct relationship to conception. Two weeks after calving he measured the cervixes and found that the smaller the cervix meant she would breed back sooner. The larger cervixes, over three inches, were cows very hard to breed back.

Many dairy farmers find their high producers are harder to breed back than their lower producers.

"If the management factors — feeding, herd health, nutrition — are optium, then there's probably little difference between the high and low producer. Problems with high producers occur when they are under stress," he said.

The North Carolina vet emphasized the importance of having the cow in the best shape to calve and the cleanest place.

"I believe the best place, if weather permits, is still outside in a nice grassy pasture," Britt said. He added, "By putting the cow in the best environment, you can get her off to the best start possible."

After the cow freshens, you want to make sure she is cycling properly. Britt placed a lot of emphasis on catching the cow in heat. All cows don't stay in heat for the same length of time. Britt said, "About 25 percent of cows are in heat for 8 hours, about 50 percent are in heat between 8 and 16 hours, and the remaining 25 percent are the most difficult ones to locate. Detecting heat is best when cows are not disturbed between 6 p.m. and 6 a.m."

The heat observation time should be at least 20 minutes, but Britt recommended 30 to 40 minutes for heat observation. Many factors affect the behavior of heat in cows. The footing of cows in slippery lots or crowded conditions make it difficult for mounting behavior. Adequate facilities help aid heat detection.

He said various heat detection aids which are sold commercially are good because they are improving the dairymen's attentiveness and awareness of heat. He urged farmers to train their employees and family to identify the heat period, to develop a strict schedule, and to use an effective record keeping system.

"Recognize the importance of reproductive management in herd profitability," said Britt.

Britt's speech highlighted the open house activities, which began with business session and annual meeting of the Maryland Dairy Shrine.

General Manager, DuWayne Kutz, reported on another very successful year for Sire Power and its member cooperatives. "Sire Power is proud to have Chairman who is the industry's top ranked Holstein bull for TPI," said Kutz.

"The Holstein line-up reflects top bulls for production, test, and type to meet any dairyman's breeding progam. As a cooperative we are able to offer reasonably priced bulls as opposed to prices of privately owned studs."

Kutz praised the increase Sire Power has made in the size of its Young Sire Sampling Program, and also the adoption of the new linear system of type appraisal.

Kutz also presented Seth Schnebly, a Washington County Guernsey breeder, with a placque for his ten years of service as a director of Sire Power.

MD-ABC Technicians were recognized and awarded for their past year's achievements. Technician of the Year Award went to Lloyd Greene, Westminster, MD with 25 years of service.

William I. "Billy" King of Gaithersburg, MD was inducted into the Maryland Dairy Shrine during its Annual Meeting. His picture will be placed along with 32 other men who have contributed significantly to the state's dairy industry.

N.Y. cheese plant to use winter ice

ALBANY, N.Y. — Winter ice will be used to replace most of the electricity now needed to make cheese at a Western New York cheese factory in a project cosponsored by the New York State Energy Research and Development Authority and Kutter's Cheese Factory, Inc., of Corfu, New York, according to Authority Chairman James L. Larocca.

"The cold weather we in the Northeast endure much of the year can be put to good use for industrial and commercial cooling applications," Chairman Larocca said, "as it was in the old days. Ice produced in the winter can be used to chill water for circulation through existing cooling systems, resulting in significant energy savings. With more than 30 trillion Btu's of energy now used annually for industrial process cooling in New York State, this is a particularly attractive energy option."

Phase I of the project, now underway, involves a site-specific feasibility study and design analysis of this "ice pond" concept, which is a modern variation of the old ice house. Kutter's Cheese Factory, which requires year-round refrigeration for its annual production of more than 3 million pounds of dairy products, is particularly well-suited to the application of this concept. The project will also examine the feasibility of widespread use of such cooling systems for industries throughout New York.

Phase II of the project, scheduled to begin later this fall, will consist of the actual construction, operation and monitoring of an ice pond. Water, sprayed into subfreezing air, will form a slushy ice, which will then be collected in a water-tight reservoir.

Ice production will continue throughout the winter until the pond is full, with water from the bottom of the pond drawn off to circulate through heat exchangers used in the factory's cooling processes. Water warmed in the heat exchangers will then be returned to the ice pond for recooling.

The total electric power needed to operate an ice pond for refrigeration or air conditioning is considerably less than that needed to run a conventional system, the chairman explained, with an estimated electricity savings of up to 80 or 90 percent.

The ice pond is expected to be fully operational in February 1983 and a public tour of the factory is planned for that time.

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Adams Poultry Assn. donates computer to Extension office

By M. Eileen Graham

YORK SPRINGS — The Adams County Poultry Association has launched its local Extension service into the computer age with a check for $5,000, presented to Thomas E. Piper, Adams County Agricultural Agent, at the annual Poultry Assn. Appreciation Banquet, held here Monday evening.

Donald G. Heckenluber, president of the Association, presented the check which will pay for the Apple II micorcomputer and printer recently installed in the Exention office.

Piper and his new assistant, William Murray, noted several packages of programming equipment already received with the computer will streamline the Extension's mailing lists, bookkeeping and secretarial chores. Word processing is another feature.

After learning to use the computer, the staff hopes to advise local farmers of computer capabilities in such areas as cost analysis and feed formulations, Murry said.

In addition to his thanks for the check, Piper extended his gratitude to the Poultry Assn. for its support of Adams County 4-H groups. This year the 4-H clubs were given $4,535, 30 percent of the net proceeds from a special chicken barbecue, and an additional $1,000 by the Poultry Assn.

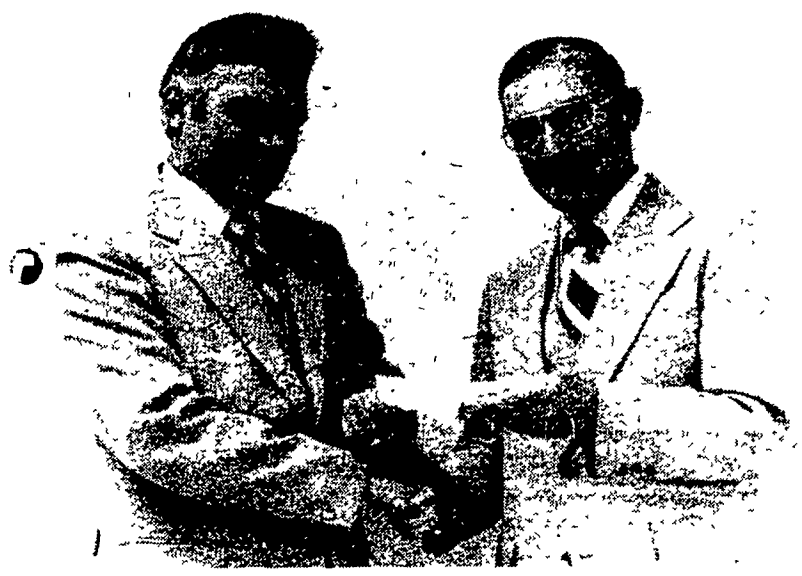
The organization barbecued 8,800 chicken halves during the past year in four different events; the 104 people who attended Monday night's banquet were among those who helped in some way.

Three scholarships totaling $1,600 also were awarded by the Association in 1982 to Adams County Students studying agriculture at Penn State.

Adams County's poultry industry is second in the state in cash-value poultry products, third in broilers raised and third in egg production. There are a total of 245 poultry farms in Adams County.

In addition to Heckenluber, officers of the organization's advisory committee include: Mark Widerman, vice president; Roy Wetzel, treasurer; and Robert McMaster, secretary.

Skip Strayer, aide to Pa. Senator William J. Moore (R.-33rd), was the master of ceremonies and entertainment was provided by Mr. and Mrs. William Swisher who showed slides of the Holy Land.



A check for $5,000 was given to Adams County Agricultural Agent Thomas E. Piper, right, by county Poultry Assn. President Donald G. Heckenluber at the recent Adams County Poultry Assn. Appreciation Banquet. The money will pay for a microcomputer and printer already installed at the Extension service office.

TRACTOR SAFETY HINT

Shield moving parts. Never remove the shields provided by the manufacturer They could save your neck Always stop the tractor engine before you climb down Also, shut off the pto before dismounting All moving parts are dangerous Don't wear loose clothing Don't go for this kind of a spin

Hunters, watch dense vegetation

HARRISBURG — Pennsylvania hunters were warned by the Game Commission that vegetation is still dense, despite heavy, killing frosts, and shooters will have trouble seeing others afield during the early part of the small game season. Because of the heavy foliage and ground cover, it's important hunters take special safety precautions.

The importance of conspicuously-colored clothing cannot be overstressed, and hunters are strongly urged to be seen in fluorescent orange colors which cannot be mistaken for any game animal or bird.

Exhaustive safety tests show daylight fluorescent orange is more readily identified than any other color, and does not resemble any color found in nature. Shooting accidents have dropped steadily as the use of fluorescent orange has increased. A fluorescent orange cap and vest can be purchased for just a few dollars — cheap insurance against being accidentally shot.

Hunters who use dogs are generally more successful than those who tramp the brush alone. When working dense cover, shooters often are unable to find and flush wildlife as consistently as they do with a good dog.

In addition, when a hunter harvests a game bird or animal, it is usually much easier to locate and retrieve with a dog along on the hunt.

Those who haven't been tramping around in the outdoors since last year may find their reflexes are just a big slow when swinging on game and may try to compensate by hurrying their shots — a dangerous practice. Running after downed game invites heart attacks for out-of-shape hunters.

Hunters are reminded to unload their guns before placing the firearms in vehicles. A loaded gun in or on a vehicle is not only unsafe, but it's also unlawful.

Shooters are cautioned to keep their firearms on "Safe" at all times, except when actually firing at game. Last year, 37 Pennsylvania hunting accidents occurred when guns were accidentally discharged. In each instance, the safety was "off." The mishaps would have been avoided if the safes had been "on."

In recent years the Game Commission has distributed thousands of SPORT (Sportsmen Policing Our Ranks Together) buttons and other materials to promote safe, ethical conduct and to identify hunters participating in the program. Landowners spotting the orange-and-black identification are more likely to permit hunting on their property since they recognize the person displaying a SPORT button as someone who will act courteously and conduct him- or herself ethically while a guest.

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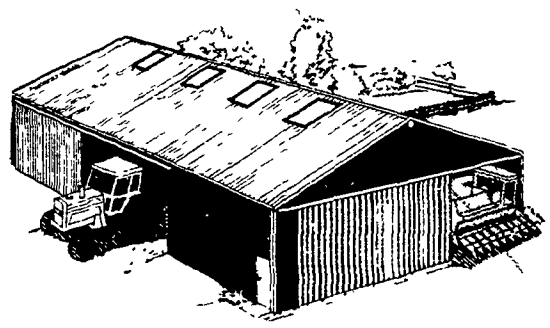
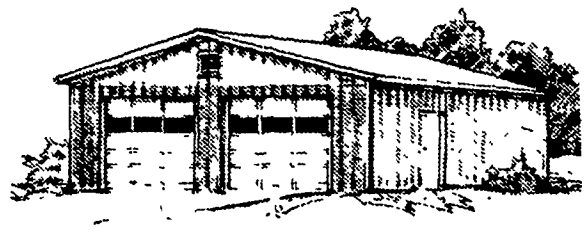


TWO CAR GARAGES



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LF 11/6/82

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Fill Out And Mail To: Red Rose Building Systems, Inc.
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Call Collect 717-738-4248

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Address or RD _____ County: _____
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Phone (include area code) _____

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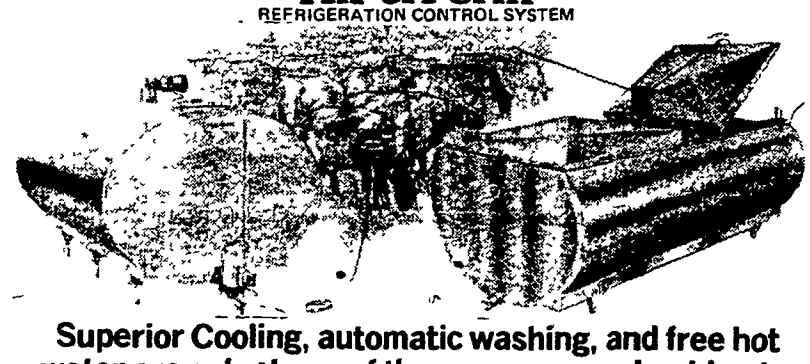

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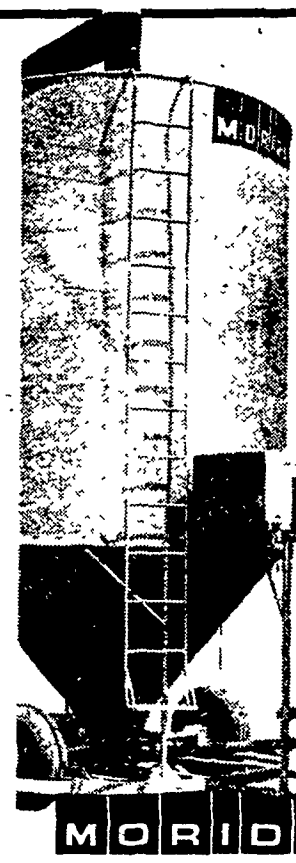

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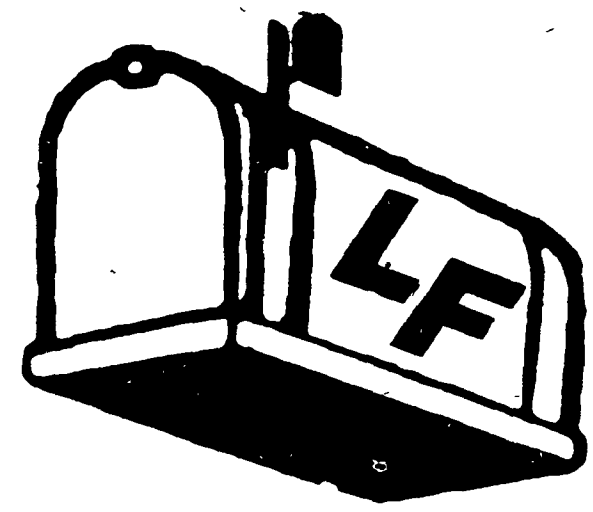

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N.Y. NFO adopts anti-tax resolutions

ILION, N.Y. — National Farmers Organization members from across New York State, as well as New England and Pennsylvania recently attended the annual New York - New Jersey State Convention held here.

Speaking at the convention, Steve Pavich, Director of Dairy in Wisconsin discussed the dairy situation.

Although there has been a lot of attention given to the so-called dairy surplus, Pavich noted, "If you think your production is unimportant, tell the fieldman you are switching markets and see how much attention you get," Pavich stressed.

"The current administration is singling out one segment of society — the dairy farmer. If it were happening to any other segment, they would be screaming more than you are. The problem will not be resolved by this tax.

"You and I have to have a fixed cash flow. If we can't maintain this cash flow through price, we must increase the volume of production. Rather than culling cows, the government is culling farmers. This will especially burden the young farmers."

Two resolutions also were passed regarding this upcoming assessment:

Be it resolved that the members of the New York State National Farmers Organization reject the 50 cent per hundred deduction on all dairy farmers as an unfair burden to the American dairy farmer. The problems involved in dairy marketing are complex and can not be solved with simplistic legislation. We feel the plan will only increase production as farmers increase cow numbers to meet cash flow needs. We agree with other organizations who have voiced their opposition to the legislation during the past month.

The New York State NFO would like to add to these statements of opposition some specific proposals for all dairymen to consider. We would like to see the beginnings of fair treatment of the farmer here within the domestics market and also on the world dairy scene. Our proposals are as follows:

- Revision of Commodity Credit Corporation policies: Although 9 percent of milk produced nationwide is sold to the government, some 25 percent of all cheese produced is purchased by the CCC. Certain business entities have come to use the CCC as a regular market rather than as a balancing market of last resort as it was originally intended to be. This constitutes an abuse of the original purpose of the dairy support program. The favorable pricing system and the cheap storage offered by the CCC only serve to encourage those companies who find it much easier and more profitable to sell to the government. Many dairy processors no longer promote their products, develop new products or seek out commercial markets as normal businesses do.

We support the original intentions of the CCC to balance production highs and lows with commodity purchases and sales. However, it is only fair that those processors who choose to abuse the system pay for the storage of their own products. Further, the government must discourage the dumping of products on the CCC by bringing government prices offered more in line with commercial prices. One way to accomplish this could be an assessment per pound of cheese or butter on the processor who chooses the CCC as his market.

- Fair treatment in domestic and world markets: At the same time that the government tells us we are producing too much milk, imports continue into the US at record levels. The USDA reports that on a milk equivalent, fat solids basis, 1.3 billion pounds have been imported during the first seven months of 1982. To further worsen matters, much of the imported casein was used to produce imitation dairy products which further replaced U.S. dairy production.

In world markets, while other governments have actively pursued aggressive marketing campaigns and/or export subsidies, the U.S. has only been putting its dairy products into storage.

- Improved cull cow prices: If decreased production is the government's goal, healthy cull cow prices are necessary. Currently, cull cow prices are low due to beef imports and lack of organization in beef marketing. The New York State NFO suggests the government pursue as policy which will lead to the culling of cows rather than the culling of farmers. The New York State NFO invites members of all organizations to use its beef marketing program.

In New York State, the NFO's most important goal during the coming year is increased participation by farmers in its milk and beef programs so that we may actively work for better prices for all through collective bargaining.

FARM EQUIPMENT

IH 715 corn soybean special combine w/hydrostatic drive 4 30" corn head, 15' floating cutterbar grain head $11,000 717-464-3697

(2) 5 ton gravity wagons; NI Super sheller 4 year old; JD 4020 Diesel w/cab. 717-587-1271

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

JD 730 diesel, electric start, 3 pt. hitch, fenders, exc. cond. 814-793-4293

For Sale - 3 McCurdy gravity boxes mounted on AC running gear, exc. condition, $650 ea. Call Cecil Dairy Service 301-658-6923

HORSE EQUIPMENT
Oliver 2B 12" Raydex
NI 206 Manure Spreader
JD KBA 20 & 24 Disc
JD 9' Spring Harrow
NH 455 7' Trailer Mower
IHC 100 7' Trailer Mower
MC 7' Rotary Scythe
NI 10' Fert. Drill
ELEVATORS
Stoltzfus 24'
NH 30' Corn and Hay
TOM WHEARY
Lancaster, Pa.
717-687-0102

JD 4400 combine Diesel, 4 row narrow, 13' grain platform, excell. cond. $20,000. 717-532-6880

FARM EQUIPMENT

JD 3020 Diesel, power shift, wide front end, new front tires. 717-597-7476

For Sale - John Deere Model 30 2 row potato digger, Oliver PTO 1 Row. 717-687-0102.

Hammermill Bearcat 10", heavy duty, with 10½" cutter head, like new, 5 screens. PTO. Make offer. 215-925-3336 Mon.-Fri. 8:30-5.

For Sale - JD 237 mounted picker, good cond., $600, Adams Co. 717-677-8881 call between 7 and 10 p.m.

JD 2510 gas, dual hydraulics, 3 pt. power steering, 3000 hours, 814-793-4293

Welder - HOBART 250 amps D.C. welder with 10 HP, LISTER diesel direct drive, 12V Electric starting on skid, very little used, $2,795 cash only, welder $795 cash. Byers Diesel Refrig., Star Route 655, Belleville, PA 17004.

For Sale - Combine, MF 760, excellent condition. Call 215-489-7839

Brushless Generators, PTO or diesel drive, power shafts and trailers, come in see them. Byers Diesel Refrig., Star Route, Belleville, PA 17004

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½ ton styleside, 300 6 cyl. engine, auto. trans., AM radio, exceptionally clean.

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1977 CHEVROLET 18' VAN CE67003
366 V8 eng., 5 spd. trans., P.S., tilt hood, radio, 50 gal. tank, 27500# GVW, 1000 x 20 tires. O/H rear & curb side doors, 2500# Liftgate.

1978 FORD DIESEL - 16' VAN LG LN7000
Real nice - new paint - 27500 #GVW, air brakes, 2 spd. rear, cat 3208 175 hp. eng. P.S., OH. Rear, C.S. Door 3000# L/G

1978 IHC 20' VAN LG 1750
DT 466 diesel engine, 9000 lb. front axle, 19,000 lb. 2 sp. rear axle, 5 sp. trans., PS, 1000x20 tires, new paint.

USED TRACTORS

1977 GMC JC9640
Tandem axle, diesel, conventional cab, Formula 290 Cummins engine, 10 sp. trans., PS, air conditioning, low mileage, new paint.

1977 FORD LN9000
Single axle diesel, conventional cab, 238 Detroit & Formula 290 Cummins engines, 10 sp. trans. PS, new paint.

1977 FORD LNT9000
Tandem axle diesel conventional tractors, 8V-71 Detroit or formula 290 Cummins, 10 spd. trans., P.S., A.C. 10.00x20 tires, sliding 5th wheels, with or without new paint.

16' & 20' ALUMINUM VAN BODY
1977 & 1979 Morgan, pre-painted white aluminum panels, overhead rear door, curb side door, 10" dock bumper & slated interior w/or/w/out liftgates.

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Deadline Thursday morning at 9 of each week's publication

Lancaster Farming
P O Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

FARM EQUIPMENT

JD 2940 diesel, almost new, 351 hours, 16.9x38 tires, $16,900. International 656 diesel, hydro, $6,500. 219-862-2151

For Sale - JD 2020 gas tractor, good rubber, in A-1 condition, $4,500. Also JD 48 loader w/6' bucket and valves. 717-532-8601

For Sale - JD 4020 diesel, power shift and wide front, 18x4x38 tires, w/complete M&W turbo charger kit, including oil pans, radiator, shroud, fan, oil filter and heat gauge, low hours, in A-1 condition, $7,500. 717-532-8601

For Sale - Farmall M with rebuilt engine, $1100. Call after 6 p.m. 717-624-4262

FARM EQUIPMENT

IH 806 diesel, original paint, wide front, 3 pt. hitch, 814-793-4293

Farmers & Dealers – Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

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Phone: 215-699-3533

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Combine, 3300 JD, 422 hrs., looks like new. 814-926-3669

For Sale - Bale kicker wagons steel or wooden sides, complete with running gear or will put sides on your bed. 8x8x16, 18 or 20 ft. lengths. Also flat bed wagons. 1 mile north of Gap along Rt. 897 STOLTZFUS WOODWORK, RD #2, Gap, Pa. 17527. 717-442-8972.

1976 7060 AC tractor w/cab, duals 20.8x38 excellent condition. Call 215-932-2753

7G crawler loader, very good condition, asking $10,900. Will consider trade in. 717-367-9773

8 row White planter, excellent condition, 1 year old. For information call 215-932-2753

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JD 2520 diesel, dual hydraulics, wide front end. 814-793-4293

FARM EQUIPMENT

Wanted - 3 pt. hitch for Oliver 77 or 88 or for AC WD model. Thor Erickson, Hagerstown, MD. 301-739-8035

IH 175 crawler/loader, enclosed cab, 4 in 1 bucket, undercarriage fair, runs & operates $5500.

Hough HR 4WD loader, gas powered, enclosed cab, runs exc. $3500.
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Construction Equipment
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Lilliston model 2000 rolling cultivator, 3 pt. hitch, 186" tool bar, units complete w/front and rear gangs, coulters, etc., $1,150. 412-837-8310 days or 412-423-2791 evenings

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JD 4620, power shift, good condition. Lancaster Co., Pa. 717-284-2761

Massey Ferguson 550 combine, hydrostatic drive, Air Cond., 13' grain head, 4RN corn head, low hours. 814-684-3057

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Combines: Small or large from Ind., Ill., Corn belt shredded machines, most headers available. Wholesale prices. Call Collect "The Combine Man" Larry Stalter. 219-862-2151

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IH 203 combine w/enclosed cab, 10' wheat head, #227 corn head. 3 Farmall M tractors w/blades & buckets. IH model 2ME 2 row corn picker mounts on M tractor. IH 400 Cyclo 4 row planter. IH 1-46 6 bottom reversible disc plow w/2 pt. hitch. 2 IH 3 bottom trailing disc plows w/hydraulic lift. JD 3 bottom disc plow w/trip lift. IH 370 12" disc w/mulcher attachments & drags. IH 58N 8' disc. IH 153 4 row cultivator IH #50 rotary shredder. 165 gallon 8 row weed sprayer. 22' steel flatbed truck body. Call after 6:00. 215-666-5410

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JD 346 Twine w/Thrower
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MISCELLANEOUS EQUIPMENT

Hesston PT7 Mower Condition
IH 510 Grain Drill w/Fert. & Grass Attch. 16x7 Very Nice
JD 8250 Grain Drill, 21 Openers, Fert. and Grass Seed
JD 1207 Mower Conditioner, like new
Brillion Alfalfa Seeders, 8' & 10'
JD Chisel Plow 12' New Shovels
IH Field Cultivator 12'
Straw Choppers for JD 3300 and 4400 Combines
NH 488 Haybine, like new
NH 479 Haybines
NH 6 Ton Wagon Gears w/Adj. Hitch $575 1 Only
JD 146 Loader, Indep. Control Valves
JD 894 Rake, Rubber Mtd. Teeth
IH 18.38 Rr. Axle Duals
Pick Up Attachment for Combine
Grim Super 16 Hay Tedder
Grim Hay Tedder, Traction Driven
Neimeyer Power Harrow
Cabs for JD Tractors 3010 thru 4320

BALER TWINE
9,000 ft.
$21.00 Per Bale

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

FARM EQUIPMENT

Summer Specials - Gehl 120 grinder mixer, excellent $3250; New 3 pt. blades 6 and 7', special discount; JD 7' pusher blades; NH Super 26 blower, excellent; New 6' bucket to fit Swartz or Oliver manure loader; 18' Steel rack bale thrower body in stock, special discount $1,025. White 316 plow, sharp; NH 53A bale thrower; McCurdy and Farmer Boy gravity bins in stock; 12' Supreme silag conveyor, used 6 months. Behlen corn crib, 15,000 bushel and 12,000 bushel; Round bale feeders w/floors; #56 JD Blower, 7' Woods rotary cutter, 11' Chattanooga cultipacker; 13' Brillion field cultivator. Pequea woodsaw in stock, 20' harvest handler elevator on wheels. NH 30' elevator; Opel flail chopper; Ford post hole digger. Sales and Service on farm tires. DJ Implements, located in Reistville midway between Myerstown and Scheafferstown along Rt. 501 717-949-3074.

For Sale - Ford 2 rw mtd. cornpicker for parts $100, 8 16 haywagon w/running gear $500, Ford 960 tractor needs work on motor $800, call 727-838-1894.

For Sale - Bobcat skid loader, model 610, few hours, Chester Co. PA 215-593-5952

JD 4010 w/new engine, 38" rubber, front, excellent 814-793-4293

For Sale - Miller Disk, 12½' heavy duty, in excell. cond., $5000 or best offer, after 6 p.m. 301-473-5456

For Sale - JD 6600 sidehill 630 corn head, cab, air, loaded, 1000 hrs., shedded, exc. cond., field ready, $25,000. Will consider trade. 215-845-3178, 395-1213

Oliver 74-H mtd. cornpicker; also, NI, 323 1 row picker. 717-532-6619

NI No. 305 double rw. mtd. corn picker. IH 656 utility WFE dual hyd. front/rear/outlets w/side console, recently overhauled. 717-837-0765

IH 1 row corn picker, Cherokee cattle trailer, JD 4 btm., plow, calf feeders, 717-567-9576

10' Miller disc, good condition. 814-793-4293

For Sale - Combine, turbo diesel with 6 row corn head narrow, 4 row corn head wide and 15' small grain head. 201-859-1945

For Sale - 3 cyl. F3L912 Deutz diesel, recent overhaul, very good condition, available w/clutch or clutch reduction. Benuel Beiler, Rt. 1, New Providence, PA 17560.

WHITE 5100 Seed Boss planter - 6 row no-till air planter, liquid fertilizer, brand new, used on 60 acres, $9,790. OLIVER 880 farm tractor, 65 HP, wide front, completely rebuilt into new condition, $4,290. GEORGE WHITE 310 field sprayer, 35' boom, brand new condition, $1,790. 75 GMC pickup truck, automatic air conditioning, camper top, $2,190. Tandem axle equipment trailer, electric brakes w/rmaps, $950. '79 Chevy Monte Carlo, excellent, $4,950. 215-767-0578

JD 95 combine with 4 row narrow corn head, factory new engine, 30 hrs., Field ready. 609-737-1008 after 5 p.m.

1972 GKS, A-1 cond. with 4 and 6 row corn head and 14 ft. grain table. 301-834-5093, price to move.

Custom built mixers for haylage ensilage and grains or mix your own dairy feed to increase profits. Accurately weighs and mixes in minutes. For more information and prices call 215-267-2453 Rissler MFG, RD 3, Denver, PA

FARM EQUIPMENT

For Sale - IHC 606 wide front 3 point power steering $3,200. Dauphin 717-469-0539

For Sale - One Chemstore applicator for small grain and shelled corn, good condition. Also one model 321 corn head for MF 300 combine, good condition. 717-587-1332

For Sale - JD 443 corn head, 4 row narrow, very good shape. Northampton Co. 215-252-7091

MF 410 Diesel, hydro, cab, air, new 23.1 1-26 8 ply tires, 13' quick tach head. excell., Monmouth Co. 609-259-7492

Collectors! Ford 6000, overhauled 2 years ago, good condition. Call 215-932-2753

For Sale - Used Hesston 2000 gal. tank manure spreader, excell. cond., asking $5500. Call 301-635-6141 between 6-9 p.m.

For Sale - HD5 dozer MF 65 w/ind. loader. T020 Ferguson 3 pt. backhoe, good undercarriage and rubber. York Co. 717-927-6564 after 4 p.m.

IH Harvester with hopper and screen to grind Hi-moisture ear corn model-650, $2,000. Juniata Co., 717-463-2360

NH 850 round baler, Hesston 1090 9' Windrower, like new, Deutz 7206, new tires, 301-582-1927

Must sell - Case 730 gas tractor, tricycle front end. Call 215-932-2753.

For Sale - #10 Hesston stacker, good cond., $2500. Phone MD 301-293-2077

JD baler 336, $4200; JD rake 660, $16700; JD mower 1209, $3000; JD cornpicker, $400; bale wagon, $800; '74 Ford Mustang. Balt. Co. 301-592-6485 after 6 p.m.

1945 Farmall A (crank model) tractor w/plow and worker, good condition, $1,595. 717-792-1935

JD 2020, JD 2520, AC HD11G tractor loader, Rt 4, Box 322, Winchester, VA 22601, 703-877-1938

For Sale - JD Model 700 grinder mixer, like new, Ezra Konagy 717-483-6953

FARM EQUIPMENT

For Sale - JD 2840 Low Hours in excellent condition $12,500. 717-896-3630

For Sale - one Massey Harris combine w/grain head; one NI mounted corn husker, 2 row; one H tractor, $1,800. 201-859-1731

F Model Prentice knuckle boom mounted on 66 IH w/log bed, air brakes, 5x3 transmission, pulling tandem, good condition. 703-721-3408

1965 Ford tandem axle w/Cummins engine and 3250 Calumet liquid manure tanks good cond. $6500. 717-285-3711

For Sale - Moridge grain dryer, model 275, $2,500. 717-463-2394

For Sale - 10' Grandy seed and fertilizer drill, like new 717-687-0102

For Sale - 5 JD 4020 diesels, very nice condition, make offer, will give 30 day warranty. 717-532-7054.

Farmall Super C F.H.; F.H. Hay Rake; F.H. Disc Harrow; F.H. Corn Planter and Manure Loader, 717-687-0102

Front end loader, Swinger 200, articulated, 176 Ford gas engine, flotation tires, good cond. $7500. Hagerstown 301-790-1303

For Sale - Arts-Way grinder mixer winpower, 15 KW alternator, also steam jenny. Wanted Case 1835 skid loader w/low hrs. 717-624-8561

For Sale - corn head and pickup head for model 770 harvester, Wic bale chopper, 3 hp, electric. 215-869-8745

JD 2030 diesel, A-1 cond.; also 2020 gas utility tractor, very good cond., can sell with or without loader. 717-532-7054

Wanted - JD D, 1938 or older. Call 301-845-8229 after 6 p.m. or 301-921-2534 weekdays.

For Sale - AC 190 XT w/duals. 20x70 Harvestore silo. 609-723-2595

IH Cub with 14' rotary mower, $1850. 215-679-9010

FARM EQUIPMENT

Used cornhead, 6 row narrow, in good cond., $8500. 215-584-6894

Ensilage blowers, belt driven, 1 IH, 1 Oliver IH 76 combine, PTO, very good, upright electric feed mixer, 25 bu., Chester Co. 215-942-2539

86 IH, 1980 model, low hrs., good shape. 717-354-0281

Farmall Super C. Two bottom plow, cultivators, unused 3 point hitch conversion kit, rebuilt engine, accessories. $2500. 201-948-4565. Sussex

For Sale - 323 New Idea cornpicker, picked only 300 acres. 717-665-6124

For Sale - JD 2 bottom 12" plow on rubber, $200. IHC pull disc, $200. Call 301-845-8229 after 6 P.M.

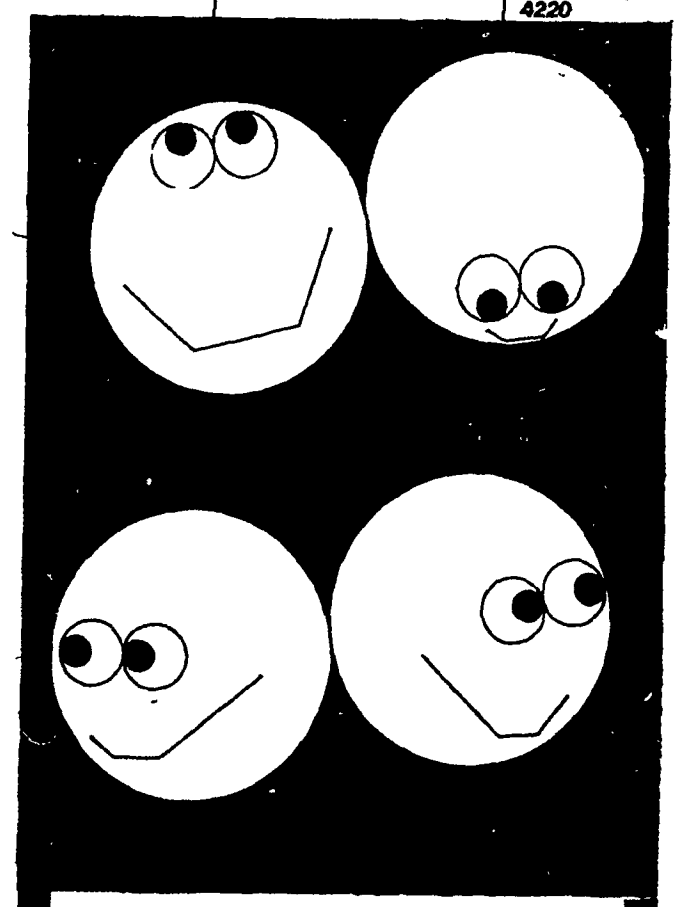
JD 105 combine, field ready, just out of soybean field w/13' grain head, 435 corn head, air, radio, spreader and shredder, 215-838-9927

New AC 7045 tractor, power shift transmission, cab, 146 HP, 20.8-38 tires, 540 over 1000 PTO, $27,000. Agronomics, Inc., RD 2, Factoryville. 717-945-3933

WHERE YOU FIND those hard to get tractor and combine. parts. MID-SOUTH TRACTOR PARTS, INC. (Rt. 2 box 316 Sikeston, Mo. 63801) midwest largest stock of tractor combine and cottonpicker parts. (Also good selection of tires) SAVE 50% buy good used parts CALL TOLL FREE: 1-800-325-7070 Mo. Res. 1-800-392-0929. We have experienced and qualified partsmen ready to be of service. (We ship anywhere) LF 11A

For Sale - Equipment 453 Detroit Diesel 140 Hp. 5 speed trans., good cond. makes good repower unit for small truck or pick up. $3250. Also 8V71-381Hp. truck engine, rebuilt, 6 month warranty. 717-733-3890

For Sale - 1851 JD A, in good cond., new seat, lights, good brakes, new battery, good tires hydraulics, $900, call after 6 p.m. 215-562-4220



DON'T LOOK ANY FURTHER!

YOU'LL FIND IT IN LANCASTER FARMING'S CLASSIFIEDS

FARM EQUIPMENT

Ford 32 horsepower model 26223C tractor new, never used or demonstrated, power steering, continuous PTO, diff. lock, high capacity 3 pt. lift, over sized tires, list price $12,294, paid $9000 moving to Florida, must sell, $7500 or best offer. call 215-347-2016.

10 HP garden tractor and mower, 2 wheel garden dump trailer, Farmall Cub plow lever, 4 wheel wagon, 1949 Geepster convertible, kerosene heater, upright freezer. 717-442-4279

Bulldozer blade to fit Steiger tractor, 6 way hydraulic angle, $2,500. 301-648-5442

NH mixer grinder, model #352, excellent condition, $3,200. 35' flatbed trailer, $500 or best offer. 215-935-9907 or 215-783-7533

Farmall M with mounted 2ME picker, good cond., $1300. 730 JD diesel electric start., $2900, good cond. Hershey 717-534-1253

Used Tractor Specials: JD 3020 Diesel Power Shift $6900, JD 4230 w/Sound Gard, dual remote and wts. $16,500, JD 2440 H.U. w/Roll Gard and enclosure - 600 hrs.-excellent, David Brown 1212 Power Shift $5900, 1945 JD Model "G" $975.00 March 1 Dating. Gutshalls Inc. Carlisle, Pa. 17013 717-249-2313

Farmall 656 hydro w/2250 mount-o-matic loader;- IH 720 auto. reset plow, 5-16S, hillside hitch, spring loader coulters; IH 11 tooth chisel plow w/lever; Farmall 806 diesel, dual hydraulics, wide front, 18.4-38 tires; MC continuous grain dryer, electric or PTO; IH model 500 Cyclo corn planter, will plant 6-30" rows or 8-25" rows. 814-443-2193

IHC single axle tractor; Rogers Low Boy 25 ton heavy duty; Cat 55H power shift front end loader; Austin Western grader 99H; Root snowblower w/hyd. chute, used twice; 1976 Mack tri-axle w/18,000 front, 44 rears, 6 speed, actual miles 110,000; 977H Cat w/ripper and front end loader; one IHC 6 bottom Cuban disc plow, heavy. 717-922-1437 evenings. Union County

T340 International crawler, 4-in-1 bucket, ripper, good condition, $5,000. 814-674-8119

For Sale - Model 1830 Butler Oswald mixer w/scales, stationary model. 304-263-9801

For Sale - NI 2-row narrow corn picker w/12-roll husking bed, excellent condition, $3,600. '64 Chevy 30,000 G.V.W. grain dump truck, $3,000. 717-838-6783

JD 2030 diesel high clearance, low hours, good condition, $4,800. Serious calls only 717-532-8601

FARM EQUIPMENT

Wanted - Xmas tree equipment, commercial mower, cutter etc. dual mowers, (Schramling Model 20 or equivalent). Also Allis Chalmers G tractor running or not or rear axle. 717-265-8903

For Sale - JD 2030 Diesel, w/146 loader w/roll guard, ind. PTO, dual hydraulics, tractor and loader in absolutely mint cond., 1570 hrs., asking $10,000. 717-653-4449

One Krause fertilizer and wet-line spreader w/Dickey John conveyor control system. 717--935-2185

For Sale - WD 2 row mtd., corn picker, D17 tractor plows, side mtd. mower and high lift, Vermeer balers, 605C and 504G, West Moreland Co. 412-423-4076

White 2-105, cab, air conditioning, radio, dual hydraulics, 540 & 1000 shaft, 1300 hours, 814-793-4293

International 1 PR one row corn picker for sale. Working condition. Got two row picker because of increased acreage. Lehigh County. Call 679-8921 evenings

New Holland L35 loader with dirt-tooth, utility buckets, pallet fork, 650 hrs. good condition $7200. Will finance. Stroudsburg, Pa. 717-421-5510

2 Row Corn Picker-sheller mounted on Super M. Asking $2000. 717-788-2571

JD 4000 diesel, side console, 72 model, 814-793-4293

Long 610 tractor, 700 hours w/weights, $7,000. Shaver post driver, $325. Walker 4 post car lift, $275. York 10' pull-type stone rake, $475. New Home-lite generator, 1700 watts, 110 volts, $275. Crossley Bros. 215-845-7332

For Sale - D-8 Caterpillar w/cable blade that tilts and angles, good condition. York County. 717-862-3970

Nelson Diesel 4WD loader w/cab $5500.
DENNIS M. MILLER
Rt. 22 Grantville, Pa.
717-838-1888 anytime
717-469-0937 daily

For Sale - Farm Equipment - 187 Hawk Bilt Spreader, hyd. lid opener, good condition $1,000. Starline roller mill, used 2 years, excellent condition $1000. Chester Co. 215-273-3376

Ford 3400 backhoe and loader. 814-793-4293

Brady soy bean extruder. 412-667-8350

1 set of 18.4x34 Firestone all traction Field and Road tires and tubes filled with calcium, 90% tread, new prices over $850, will sell for $450. Also set of 18x34 rims with riveted lugs, would make excellent dual wheels, make offer. 717-464-2874

FARM EQUIPMENT

For Sale - JD 227 corn-picker, well used but still works OK. Mounted on JD 520, $250. Juniata Co. 717-694-3256

Wanted - disc gang assembly for 7 tooth Glencoe chisel plow. 717-426-2655 after 6 p.m.

FARM EQUIPMENT

JD 15x7 model FB fertilizer-grain drill, good condition. 717-263-1907

MF 410 combine, 4 row wide corn head, grain pickup head, nice, clean, reasonable. 215-965-6363

FARM EQUIPMENT

One Krause 4 ton fertilizer mixer w/15 HP electric motor. 717-935-2185

86 hydro tractor w/yr. round cab, 18.4x34 tires, 2 sets of wheel weights, 270 hrs., excell. cond. $19,000 215-932-2072.

FARM EQUIPMENT

NH 33 flail chopper, 12A manure spreader, like new, $795. Soybeans. 717-354-0266

1 NI Narrow row, 2 row corn picker, model 325 excell. cond. 717-254-6511

FARM EQUIPMENT

NI #10 Picker $1100
NI 8½ ton Model 244 Spreader w/endgate (new)...$7000
NH TR70 Combine
AC 4 Row Narrow corn head for model G ... $3000
WENTZ FARM SUPPLY
Palm, Pa. 215-679-7164

(Combines, Tractors and Equipment on our Lot.

(Combines) Used 1980 JD 8820 fully eq. w/843 corn head real nice for $69,000. 1981 JD 6620 turbo Hydro, 200 hrs., like new, used 1980 JD 6620 Side Hill Hydro fully eq. real nice (SOLD) for $49,000, 76 JD 4400 Dsl. looks like new. 1975 JD 4400D very nice (SOLD) and field ready. JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new for $68,500. New JD 4420 fully equipt. 443 C.H. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, Gleaner N5 (Demo) fully eq. w/15 ft. grain and new 6-30 C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain $12,500, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head $8750. MF 510D w/cab, Quick Tach grain for $6950.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head for $24,500, JD 6600 D w/air & 13 Ft. grain.

JD 95 sq. back w/grain and 435 N C.H. (SOLD).

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

(Bargain Corner) JD 95 Sq. Back, JD 55 Sq. Back w/2 heads (SOLD); Int. 303 (SOLD) w/grain; Int. 303 w/cab and grain.

Used JD 213 and 215 flex heads.

Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. 1972 Gleaner F w/grain & C.H. N.I. 702 D uni w/cab (SOLD) 8800.00, NI 702D w/cab $6200.

N.I. 702 D w/husking bed (SOLD) and 3 row C.H., NI 702 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl.

New John Deeres 4040 w/Power Shift and R.G. for $23,950, New JD 4240 cab & air Q.R. for $30,000, (4) real nice balers, JD 336 w/thrower, NH 320 w/thrower, used 1 season. NH 315 w/thrower, Hawk Built round baler.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 421, 422, Gleaner L438, F430, F438, A430, K238, F335, F330, F335, K330, Int. 863, 864, 844, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H.

New Int. 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2640, 2630, 1966-4020, 3020D WF and Diff lock. We have 5 JD 4020 side console diesels. MF 175D w/Loader, JD 2440 w/R.G. 2840 for $12,000, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer.

TRACTORS AND EQUIP. REC. THIS WEEK. JD 4640 power shift fully eq. w/300 hrs., like new for $33,800. ; White 2-155 fully (SOLD) eq. like new; Farmall 1086 w/front wheel drive used 800 hrs., Farmall 826D nice original, New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 404 wheel rake; NI 2100 (Demo) liquid manure spreader list $11,300 Special $6450. Used JD 500 rd. baler; Farmall 706 w/310 German D w/cab, MF 1105 w/cab and air. Farmall 656 hydro D. w/cab, 400 w/P.S. and F.H. Farmall 1456 original; Farmall 560 gas w/F.H.; New N.I. 323 picker list $7,861 - SPECIAL $5495. only 1 left, JD 8630 fully eq. w/duals; JD 4020 D.W.F. Power Shift, Used JD 2940 real nice; JD 2520D, JD 50 w/227 mtd. picker, David Brown 885. MF 1135 w/R.G. and dual wheels, MF 285 D. Int. 656 utility Hydro D. D.B. 1200. Oliver 550 (SOLD) w/Loader, NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs. Farmall 504, MF Ind. loader w/3 pt. PTO. Gehl 120 Grinder Mixer, MF 124 Baler, Case 1410D needs motor, Int. 510 18x7 drill.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4320, JD 4010D, 1 owner original, Farmall used 966 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

Int. 3588 - 2 + 2 w/dual wheels, used 530 hrs. like new for $29,500; JD 4020 W.F. power shift, good tires $7700; Case 1070 P.S. $6975; JD 4020D. W.F. D.L. Dual hydraulic & cab, JD4010 D. W.F. JD 4010 Tri D, Farmall 766, 706 w/310 German D. 1 owner original, real good. Oliver 1850D, Case 930 Standard, 460D w/F.H. AC 185D w/turbo nice-$8900.00 New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, (Summer Specials) New JD 4440 Sound guard body QR $34,800. Deutz 9006, Super H-985. Farmall 1066 cab needs repair come look and make offer.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear, JD 215 13'9" disk used 2 days, New Int. 2250 loader

CORN PICKERS - NEW New Idea 325 w/12 roll bed, Used (2) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used (SOLD) NI 323, #10.

J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4430 w/sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab. 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, JD 210, 200, 112, Farmall cub w/mowers, Farmall Super A w/cult, real nice.

HARVESTERS. Used JD 3960 w/long tongue and elec controls real nice for $7250, N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H. Gehl 600 w/2" 30" & pickup head.

Fox 2 row 30" Silage Head, JD 1 row snapper head.

ALLIS CHALMERS New 7010 - coming in, 185 w/R.G. w/600 hrs., 7080 w/cab & duals $18,800, 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch, AC 185D

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, JD 2020 w/loader, JD 4030 w/R.G. and Quad. JD 60 w/P.S. JD 630 w/3 pt., JD. A. JD 70 w/P.S. & 3 pt.

FARMALLS: 1586 w/cab, w/800 hrs., fully equip. w/dual wheels and dual PTO real nice, used 1086 w/cab, air, 1 owner-looks like new; used 686 Dsl. w/1600 hrs., 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 756 WF 3 pt. original, 656 Hydro D. WF 3 pt. original.

Int. W9 gas w/pulley.

New White 2-105 w/cab $22,850. 2255 w/V-8 cat and new over and under shift.

MASSEY FERGUSON - 2805 24 spd. w/duals real nice, 1130, MF 180D. 175D w/loader Super 90 diesel.

(Case) New 2090 Cab & Air, power shift $23,950; Case 1410D, 1030D.

Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1550 (SOLD) gas, Oliver 550 w/loader, Long 560D w/loader, Ford 6000 Commander, D, Ford 3000D, MM Vista 1000 w/cab and loader, MM S670 diesel.

1970 JD 4020 side console w/dual hydraulic (local owner) JD 2510 gas w/48 loader, Long 350D w/mtd. broom; Int. 460 utility w/loader, 1972 JD 4020 w/factory cab (SOLD) original, Woods 4 row stalk shredder.

N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader, Case 850 D dozer w/hydrl. blade, Skid Loaders - Bobcat Hydro 700. Ford CL40 Skid Loader.

Ford 4000 gas loader and backhoe.

PLANTERS Used JD 6 row Conservation, fully eq. real nice. New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for 6850, N.I. 325 picker w/sheller. Used Case 13 ft. Disc w/new blades and dual wheels. (New Haybines,) Gehl 1090 9 ft. for $4800; (used haybines), MC 7' rotary scythe

New Holland 354 Gr. Mixer; Used John Deere 300 Husker, 68 Chev. Corvette Convertible (SOLD).

Long 1199B 3 pt. backhoe like new; MF #246 Quick tach loader Like New, Holland #1500 3 row transplanter used 1 acre, used JD 444 corn heads from $2450, and up.

Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult.

Glenco 12 ft. 9" Soil Finisher like new.

Mechanics Special JD 4020 gas, power shift $3950.00.

New JD 8300 grain drills 21x7 double disk, Used Int. #510-18x7 D.D., Used Int. 510 (SOLD) 18x7 S.D., Used Int. #10 18x7, JD B 20x7 (SOLD) D.D., Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Int. 4 row #800 Early Riser, Oliver Planter 6 row w/no til fert. fill, inst.AC 4 row no til w/dry or liquid fert. Used JD 7000 4 row w/liquid fert. and minimum no till, Woods 120 offset cutter. NH pick-up heads for 770, 71 Miller 12 ft. offset disk, (JD 215 disk demo new) JD Disks #210: Int. #480-22 ft. Wing Disk, Badger 1500 gal. liquid tank spreader, New Westfield 30 to 60 ft. grain augers

PLOWS - Int. #720 5x18 reset like new, Ford 5x18 spring reset. Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. White 4X spring reset, 3 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Chisel plows - JD 11 ft. pull type Athens 7 and 10 ft. 3 pt., new Int. #80 snow blower; New Johnson loader.

Flail chopper, New Holland 38, 36 Brady, Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550, JD 400 Gr. Mixer; JD FBB XX Disk grain drill; NH 365 Tank Spreader; NH 56 Rake, AC Rake.

Owatonna 200 haybine, JD 214 baler w/thrower, Int. 400 4 row, & 6 row air planter for $975.00, White 5400 4 row no til, JD 1240 plateless, 8 JD 1250 and 1300 six row planters for $700 to $1450.

Used JD 400 15 ft. rotary hoes, New White. 14 ft. field cult., Kawanee 22 ft. Wing Disk, used Long 1199A 3 pt. backhoe, like new $3850.

Loaders - used JD 58 MF loader for 1105 Int. 2000 Loader, 3 pt hitch for 630 and 750 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) MF 510.

TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

For your needs call:

STITZEL FARM EQ. INC.
East Windsor St.
& Krick Lane
Hamburg, Pa. 19526
Phone Bus. 215-562-8377
home 215-562-7451

JOHN DEERE

HARVEST EQUIPMENT IN STOCK
with Waiver of Interest

NEW

JD 6620 Hydro Combine 2 wheel drive
JD 7720 Hydro Combine, 2 wheel drive
JD 643 Corn Heads
JD 216 Flex Platform
JD 653A Bean Head
JD 25 Header Transport

USED

JD 7700 Hydro Combine
JD 215 Flex Platform

Cooper Ent., Inc.
Box 12, Cecilton, MD
301-275-2195
Evenings Call Gary 301-885-2248

FARM EQUIPMENT

FARM EQUIPMENT

NEW & USED EQUIPMENT SPECIALS!

New Artsway Forage Box w/3 Beater, 2 Roof & 10 Ton Running Gear * $5,195	New 8C Hydra-Mac Skid Steer Loader w/2 Buckets $4,995
New Model 230 McCurdy Gravity Bins $585	New 300 Gal. Century Field Sprayer w/Cent. Pump & Row Boons $2,395

★ **BEHLEN CORN CRIBS** ★

EXL-15 Corn Crib (1684 Bu.) $1,120
FXL.-15 Corn Crib (961 Bu.) $860

USED HAY EQUIPMENT

2- PT-10 Hesston Haybines
2- 990 Int. Haybines
1 - 1209 JD Haybine
1 - 461 N.H. Haybine
1 - 469 N.H. Haybine
2 - 279 - 9 ft. N.I. Cut/ditioners
3 - 404 N.I. Wheel Rakes
1 - 256 N.H. Hay Rake
1 - Vicon (5 Wheel) Wheel Rake
1 - 269 N.H. Baler w/Thrower
1 - 268 N.H. Baler w/Thrower
1 - #37 Int. Baler w/Thrower
1- 8x16 Oak Hay Wagon

USED FORAGE

2 - 38 J.D. Harvesters w/Corn &Pickup Head
1 - 16 I.H. Harvester w/1 Row Head
1 - N.H. #25 Forage Blower
1 - N.H. #27 Forage Blower

TILLAGE

IH 710 (18") Auto. 5 Bottom Plow
12' Athen Disc Harrow
11' J.D. KBA Disc Harrow
10' Ford Disc Harrow

USED CORN PICKERS

N.I. 323 Corn Picker
N.I. 324 (2 Row Wide) Picker w/12 Roll Bed
N.I. 319 & 322 Mounted Picker

USED COMBINE & CORN HEADS

Gleaner FKS 2 Hyd. Combine w/13 ft. Header
Gleaner KKS Combine w/10 ft. HDR & 238 Corn Head
Gleaner C Combine w/440 Corn Head
IH 315 Combine w/13' HDR & 2 Row Corn Head
MH 82 SP Combine w/12 ft. HDR
2- MF QT24 Corn Heads (2 Row)

USED UNI EQUIPMENT

(Will Put Together Any Combination)
2 - 702 Diesel Uni Tractors
2 - 702 Gas Uni Tractors
1 - 706D (Diesel) Uni Tractor
1 - 702 Gas Uni Tractor (No Cab)
2 - 717 Uni Combines
2 - 713S Corn Heads
1 - 770 Ear Corn Apt.
1 - 729A Uni Sheller
1 - 710 Uni Combine
1 - 711 Uni Grain Head
1 - 767 Uni Super Chopper
1 - 738 (4 Row Narrow) Corn Head
1 - 844N Corn Head
2 - 766 Pickups
1 - 723 (2 Row) Head
1 - 729 Sheller

USED TRACTORS

A.C. 7020 P.S. w/Cab & Air & Wgts.
A.C. 7000 w/Cab & Air & Rear Wgts.
A.C. 185 w/Wgts.
A.C. 180 w/Wgts.
A.C. 5050 (300 Hr.)
A.C D-15

NEW TRACTORS

A.C. 7060 w/Cab & Air & Wgts.
A.C. 6080 w/Wgts.
A.C. 6060 w/Wgts.

ITCO
Dealer for ITCO Corp
• Over 9,000 items At Discount Prices

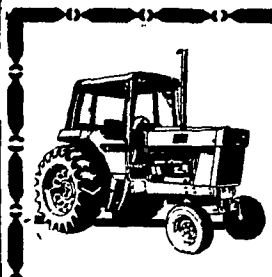
ALLIS-CHALMERS

AVCO NEW IDEA

SPERRY NEW HOLLAND

SHARTLESVILLE FARM SERVICE

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.



USED EQUIPMENT

AVAILABLE THIS WEEK...

- **Case 1370 w/Cab & Air. Tractor Looks Good But Has Noise in Motor $8,250.00**
- **MF 760 Diesel Hydro Combine w/6 Row Head**

JD 443 30" head
MF 63 6x30" head
IHC 1466 Tractor w/cab and air
MF 510 Combine
1975 IHC 815 Diesel Combine w/810 platform, floating soybean bar, $15,000.00
IHC 315 Combine w/2 heads
Uni 709 4 wheel drive tractor
Uni 705 Diesel w/1200 hrs. 717 Combine
IH 2400 B Utility Tractor w/2250 Mount-O-Matic Loader
IH 234 Picker w/Husking Bed and Sheller
2 Row Corn Head for E3 or Gleaner 3
IH 743 Corn Head
2 Row Head for JD 40, 45, and 55 Combines
Int 815 & MF 510 Quick Tack Combines For Parts

RAYMOND B. LEAMAN

Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville off Rt. 222 take Brenneman Road at Graybill Bros. Garage, Refton.

FARM EQUIPMENT

USED FARMHAND GRINDER-BLOWER

Tractors

AC 440, 4 Whl. Drive, Demo., like new
AC 190
AC 180 — IH 504
AC D19 — IH 300
AC 7030 — IH 450
AC 7040 — IH 340
AC 7050 — IH H
AC 7000
JD 2010 — JD B
JD 4010 — JD A
JD 70
Ford 4000 G
Ford 4000 D
Ferguson 65G
Ferguson 65D
Case 300 w/Loader
Case 800
Used Kubota 245 w/Loader, FWD
Used Kubota 245 FWD
Kubota 5100
Kubota 6100
Kubota 7100
New Gleaner L Combine
Used Miller Discs 8½', 10'
New Rotary Scythe
Used Rotary Scythe w/engine

GRUMELLI FARM SERVICE
Quarryville
Phone 717-786-7318

FARM EQUIPMENT

Ford New Holland Ford Tractor Equipment

AVCO NEW IDEA

HESSTON FARM EQUIPMENT

WE

SPECIAL
New NI 323 Picker

USED EQUIPMENT

Ford 5600 Diesel
Ford 3000 Diesel
Oliver 1850
Oliver 5 Btm auto reset plow
IH 540 4B Semi-mtd
Bush Hog 12' Disc Harrow
NH Bale Elevator
(2) White 5400 4R Planters
Noble 25' Field Cultivator
NI 402 Rake
Ford 2R 309 Planter
Ford 501 Rr Mower
White 8700 Combine Dsl. Hydro, air.
White 8600 Combine, dsl. hydro, air
NH 320 Baler
1068 Haybuster no-till drill (demo)
Fox 728 2R Corn Head

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STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

FARM EQUIPMENT

NEW TRACTORS
3088
3288
584 R/C
384
254 w/loader
284 Diesel, 4 wheel drive

USED TRACTORS
Farmall 404 w/3pt. SOLD
Farmall 656D

NEW EQUIPMENT
Morridge grain dryers in stock
720 automatic 5x18 btm. plow
510 5x18
420 3x16
475 18" SOLD
350 10 ft. 3"
445 baler w/thrower
35 rake w/dolly wheels

USED EQUIPMENT
510 plow 5 bottom, 16", $1500

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

FALL CLEARANCE SALE

ALLIS-CHALMERS

AVCO NEW IDEA

NEW ALLIS-CHALMERS EQUIPMENT—

5050 Diesel Tractor	$13,900
6080 Diesel Tractor	$23,500
8010 Diesel Tractor & Cab, P S	$37,950
8030 Diesel Tractor & Cab, P.S.	$42,450
FKS-2 Combine, 13 ft. Grain, 4-row Corn	$62,800
MKS-2 Combine, 13 ft. Grain, 6-row Corn	$72,445
N-5 Rotary, 6-row Corn	$98,000
333 No-Til 4-row Plate Type, Fert., Insect	$7,400
770 4-row Air Planter, Fert., Insect.	$3,900
333 No-til 4-row Air Planter, Fert., Insect.	$7,900
600 No-til Plate type Planter, Fert., Insect.	$5,995
333 No-til 6-row Air Planter, Fert., Insect	$10,990

NEW "NEW IDEA" EQUIPMENT—

323 1-row Corn Picker.	$5,900
324/327 2-row wide, with 12-roll Husker	$9,500
325/327 2-row narrow, with 12-roll Husker	$11,800
279 Cut-ditioner	$4,900
213-2 Manure Spreader	$3,895
214-D Manure Spreader, w/Endgate	$4,435
244-D Manure Spreader, w/Endgate	$7,225
106 Fertilizer Spreader	$495
621 Forage Blower	$1,320
802 Uni System Power Unit FWD	$49,900

OTHER NEW EQUIPMENT—

Hesston 1090 Mower Conditioner	$4,950
GT 370 Grain Dryer	$6,750
GT 580 Grain Dryer	$12,500
Brillion M148 Pulvimulcher	$3,700
Brillion M124 Pulvimulcher	$3,395
Brillion 16 ft. STS Fold-up Harrow	$1,600
Brillion 8 ft. 9 in. Soil Builder	$4,300
Badger 3-beater, Forage Box, 10-ton Gear	$5,700
Moore 10 ft. No-til Drill	$9,500

PROGRAMS AVAILABLE ON MOST NEW EQUIPMENT:

1) Cash Rebates
2) Low Rate financing ranging from 4.9% to 13 9%
3) Lease Plans
4) Waiver of Finance

USED EQUIPMENT—

John Deere 7700 Combine (74') 6-row Corn, 15 FCB	$27,500
A.C. MKS-2 Combine (77') 6-row Corn, 13 ft. Grain	$27,500
M.F 510 Combine (74') 6-row Corn, 13 ft Grain	$17,500
A.C. KKS Combine (71') 238 Corn, 10 ft. Grain	$11,500
A.C. LM 15 ft. Grain Header, 15 ft. Hume	$1,900
A.C. E Combine, 10 ft Grain, 238 Corn	$4,900
I.H. 303 2-row Corn, 13 ft. Grain	$2,500
N.I. 702 Power Unit	$8,500
M.M L Uni-Combine, 8½ ft Grain	$1,600
A.C. 7000 Tractor & Cab, 1978, 2100 hrs	$15,900
A C. 185 Diesel Tractor, 1974, 2100 hrs	$10,600
A C. 185 Diesel Tractor, 1980, 548 hrs.	$12,500
A C. 175 Diesel Tractor, 1977.	$7,900
A.C. 175 Diesel Tractor, 1974	$7,500
A.C 5050 FWD Tractor.	$13,400
I.H. 574 Gas Tractor	$4,900
A.C D-19 Gas Tractor	$3,700
A.C. D-14 Gas Tractor	$1,800
A.C WD Gas Tractor.	$995
Case 1370 Diesel with Duals 1972 Model	$12,000
Gehl 360 Skid Loader	$3,900
John Deere 3800 Forage Harvester (3 heads)	$3,000
1978 Gehl #1200 Forage Harvester w/2 Row Corn and Pickup Header.	$7,800
N.I. 177 31 ft. Elevator with Gas Engine	$2,400
A.C. 600 No-til 4-row Planter (as is)	$1,900
N.I. 290 Cut-Ditioner	$1,900
MF. 44 Corn Header (410).	$1,800
Sunflower 14 ft. Center-fold Disc	$3,500
N.I. 323 1-row Picker/Husker	$4,900
Mayrath 8"x55' Auger PTO.	$1,800
John Deere 1260 Corn Planter, 6-row.	$900
I.H. #16 Forage Harvester, 2 heads.	$475
I.H. 400 Cycle Planter, 6-row	$3,400
A.C. 2313 Disc Harrow, 13 ft. Recond	$2,800

PROGRAMS AVAILABLE ON "USED" TRACTORS:

1) Waiver of Finance to 3/1/83 or
2) Financing from 9.9% to 13.9%

PROGRAMS AVAILABLE ON "USED" COMBINES:

1) Waiver of Finance to 5/1/83 or
2) Financing from 9 9% to 13.9%

FOB Herndon, Pa.
43 Miles North of Harrisburg

MECKLEY'S GARAGE

(717) 758-3915
Herndon, Pa.

FARM EQUIPMENT

For Sale - 2 row Ford corn picker, mounted on a 900 diesel tractor. 717-784-6116

Int. 2400 Tractor, excellent condition. 301-829-0271

AC WD Tractor fork lift 3000 lb. lift, ready to go. 717-299-3721

For Sale - One 1200 bushel wire corn crib, good shape, $400. Alvin Stoltzfus, Chester County 717-529-2950

JD 3020 diesel power shift; JHD #48 loader w/7' bucket. 717-393-4732

For Sale - Kubota B6000, 4 WD, with front end blade, good cond. 717-532-9234

JD 680 manure spreader, 400 bushel capacity, wyd. endgate, like new. 717-548-3116

Wanted - Elevator for pit manure 20 ft. or longer. Apply to Michael R. Stoltzfus, RD #2, Narvon, Pa. Lancaster Co. 17555

JD 3020 Power Shift, WF, good tires $5,750. 301-829-0271

For Sale - 4020 diesel, wfe, side console, orig. paint, good cond. $8700. 717-532-9234

FARM EQUIPMENT

For Sale - JD 350 Dozer, 6 way blade hydraulic ripper on back 2600 hours, pins and bushing, just turned first time. Also Case 450 Dozer 6 way blade new engine, 375 hrs., under carriage new year ago. 216-852-4088

Case 830 Diesel, wide front, 3 pt., low hours, front end loader, new rubber all around dual hydraulics, PS, NI mtd. corn picker, husking bed for IH H.O.R.M. 1½ ton feed box 609-771-0394 after 6:30 p.m.

For Sale - JD 643 6 row corn head, 717-725-3072

Sauder hyd. manure loader, new type hyd. bucket. Chester Co. 215-932-2533

FMC 1 row sweet corn picker, mint condition. Call 914-457-5117

Combines JD45 Case 600 Hole or part, Upper Marlboro, MD. 301-627-6020. 301-599-9243

Ford 9N tractor, good cond., $1250. 717-235-3089

NI picker sheller, model #325, narrow row, 4 yrs. old, good cond. 717-587-1271

FARM EQUIPMENT

Antique township type road grader, pulls behind tractor, has 6 way blade, good for putting in diversions and swales and grading farm roads. $225. 717-386-5000

Ford plows, 16" automatic reset, semi-mounted, like new. 717-784-6116

For Sale - One MC rotary sycthe, $700. One IH fast hitch 4 bottom plow, $300. 717-392-5880

FOR SALE

MF 165
MF 150
MF 2805 w/duals
JD 4020
MF 550 combine w/1143 corn head
MF 321 corn head
New Ford SOLD forage harvester, 3 row head, electric controls, same as IH 830 for $7250.

L & M BURKHOLDER

Ephrata, PA.
717-859-2960
717-859-2712

FARM EQUIPMENT

case

Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery
Case 580B Loader/ Backhoe in Ex. Shape
1980 Massey Harris 450 Round Baler
Hesston 5600 Round Baler, traded for larger model.
JD 24T Baler w/thrower
Plus NI cut/ditioners & mow/ditioners, tractors & spreaders in stock at Good Prices.
Interest waiver on all new and used equipment till March 1, 1983.
On New Idea Equipment till June 1, 1983

C. & P. FULTZ EQUIPMENT

RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

FARM EQUIPMENT

FOR SALE

110 bu. Grain Dryer, LP GAS FIRED

SCHLICHTER BROS.

Limerick, PA
(215) 495-6555

TRACTOR & COMBINE PARTS

We Ship Anywhere

Cross Tractor Salvage
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FARM EQUIPMENT

FORAGE WAGON REPAIRS AND PARTS

Wood Mill Corp. repairs all makes of forage wagons. We can supply anything from fully assembled/painted sides, floors, tails/roofs to replacing main or cross members or pieces of sides, floors or tails. We can supply new roof sheets for you to install or do the complete job. We make forage wagons for the major companies and we have wood parts in stock.

Free Estimates

WOOD MILL CORP.

R.D. 1, Farmersville Rd.
New Holland, PA 17557
717-354-4919

Umberger's Of Fontana

RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613
Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00; Sat. - 7:30-4:00

OUR DUTCH AUCTION IS BACK!

Prices reduced on all items daily (except Sunday) until sold

NEW EQUIPMENT

ITEM	STARTING PRICE	DAILY REDUC.	PRICE ON 11/8
7" x 41 Ft. Westfield PTO Auger on Transport	$1495.00	$ 2.00	$1303.00
17'8" Bush Hog folding Transport disc 24" x ¼ blades	$10,700.00	$13.00	$9452.00
11 ft. - 11 tooth 3 pt 3 Bar 32" shank Brillion Chisel Plow	$2225.00	$ 3.00	$1937.00
SSP7-7 tooth Glenco Soil Saver	$5650 00	$ 8.00	$4882.00
1520 Hesston 2000 Gal. Liquid Manure Spreader w/brakes, demo	$9750 00	$13.00	$8502.00
STC - 16 Folding Wing 16 ft Transport Brillion Field Harrow	$2595 00	$ 3.00	$2307.00
SFH - 113B Glenco 11' 3" Soil Finisher	$7100.00	$ 9.00	$6236.00
New Idea 402 - 5 bar rake w/rubber flex teeth and caster wheel	$2150 00	$ 3.00	$1862.00
SL4600 Gehl Skid Steer Loader 44 HP Diesel, Water cooled, w/60" manure fork, w/60" material bucket	$16,675 00	$22.00	$14,563.00
80" 6 ft. 7" Pull Tye Drill w/acre meter, double disc openers, demonstrator	$7100 00	$10.00	$5240.00

USED EQUIPMENT

9 ft. Brillion Pulvimulcher	$ 425.00	$ 1.00	$329.00
10 ft. Power Harrow Roteria 3 pt	$1995.00	$ 3.00	$1707.00
10 ft. 10 tooth 3 bar Bush Hog Chisel Plow w/guage wheel	$1595.00	$ 2.00	$1403.00
729A Uni Sheller	$3750.00	$ 5.00	$3270.00

USED EQUIPMENT

Ford 13'4" Transport Disc, new paint
IH #37 Transport Disc, new blades
JD KBA 11' Transport Disc
Gehl FB Blower
Kools KB 54 Hopper Blower
AC Blower
JD 400 Grinder Mixer
Gehl 95 Mixer
Gehl 120 Mixer
Gehl 115 Mixer
(3) JD Wagons
(2) Dion Forage Wagons w/third beater and roof and 12 ton running gear
#310 NI Corn Picker
NI 2R Wide Corn Picker
Oliver #83 2R Wide Corn Picker
Wood Bros. 1 Row Picker
NI #7 Corn Picker
(2) Mtd. Corn Pickers w/12 roll bed
NH 512 Spreader w/Hydraulic Gate
IH #37 Baler w/thrower
Bush Hog #207R 7' Pull Type Rotary Chopper
MC Direct Trail Flail Chopper
Mayrath 6"x30' Transport Auger
Grove Corn Drag
28' Kingwyse Elevator w/motor
AC Model A 12' Combine
MF #36 5 Bar Hay Rake
NI #45 Hay Rake

Used Uni Equipment

720, 726 Uni Husker, 727 Uni Husking Bed, 737 Uni Husking bed very clean ex. cond, 713S Flex Grain Platform, (2) 725 3RN Corn Heads, (1) 724 3RW Corn Head.

NEW EQUIPMENT

NI 813 13' Flex Grain Platform — OLD PRICE
NI 717 and 818 Combines — OLD PRICE

Kilbro Gravity Boxes in Stock

HESSTON #1580 Tractor (130 h.p.) w/cab
HESSTON #980 4 Wheel Tractor (90 h.p.) w/cab
HESSTON 7600 SP Forage Harvester
HESSTON 6550 Diesel SP 12' Windrower
REBATES GALORE!

GLENCOE SOIL FINISHER Demo
Call For Price

THINK WINTER
BerVac 8' 3 pt. SNOW BLOWERS

For Rent
Glenco 7 Tooth Soil Saver
NI Round Baler

Badger · OMC · AVCO NEW IDEA

TRACTORS

JD 4020 WFE Side Console
IH 656 Dsl. w/2000 Loader
IH Super C w/cult.
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1206
IH 806
IH 706
IH 674 D
IH 656 D A-1 Cond.
IH 656 Gas Farmall
IH 606 D
IH 574 D w/2050 Loader
IH 544
IH 3514 Loader, Backhoe
IH 125 E Hi-Lift
IH 200 Farmall w/Cult. & Front Blade
Case 800 D
Case VAC
Ford 961
IH 756 Diesel

SKID STEER LOADERS

JD 70 Skid Loader
Case 1845 Skid Loader
#10 Hydra-Mac Skid Loader

TILLAGE

JD 2600 5B Auto Plow Variable Widths
IH 710 4x16 Plow Reset
IH 560 6x16 Plow
Long 2x14 3 pt. hitch plow
IH 311 3B Plow
JD 130 3B Plow 3 pt.
JD 720 5B 20" Plow
Oliver 3x14 3 pt. Plow
Oliver 2x14 Trailer Plow
JD KBA 12' Transport Disc
JD 1640 13' Disc Harrow, Dual Wheels
Case 8' Disc
Dunham Lehr 9' Disc
Kawanee 13' Disc
IH 19B Disc

FORAGE WAGONS

NH #6
VanDale 185 Mixer Wagon w/Scales
Coby 4000
McCurdy Gravity Box

FORAGE HARVESTERS

IH #36
IH 555
Fox 546
Fox 3300 w/2R Narrow Corn Head
Selection of Corn Heads for IH and Fox Harvesters
Fox Custom 90
NH #818
Brady 722 Flail Chopper
NH 36 Flail Cho SOLD
IH #8 Flail Chopper
NH 36 Flail Chopper, Ex. Cond.

UNI EQUIPMENT

705 Uni
767 Forage Harvester
710 Combine
729 A Shelter
NI 744N Corn Head
770 Feeder House

CORN PICKERS

NI 324 w/327 Husking Be SOLD
NI 325 w/327 Husking Bed
IH 234 Mtd. Picker
NI 314 Corn Sheller Attch.
MM Model SK 2 Row Mtd. Picker

BLOWERS

IH 56
Hussler 56
Fox 44 Table, belt driven
Kools KB60
NH #27

GRAIN DRILLS

JD FB 13x7 Comb.
JD 17x7 Comb.
IH 16x7 Comb.
Oliver 16x7 Comb. on Steel Wheels
Oliver 10x7 Comb. on Steel Wheels

MISCELLANEOUS

Jamesway 60' Belt Feeder
York Rake 3 pt. hitch
IH 1150 Grinder Mixer
NH 355 Grinder Mi SOLD
200 gal. sprayer
Century 300 Gal. Sprayer, Nice

MANURE SPREADERS AND EQUIPMENT

NI 245 10 ton hydraulic endgate 375 bu.
NI 244 8½ ton hydraulic endgate 325 bu.
NI 224 10 ton hydraulic endgate 375 bu.
NI 218 8½ ton hydraulic endgate 325 bu.
NI 214 200 bu. 3 btrs, hydraulic endgate
NI 213 175 bu. sgl. btr. hydraulic endgate
NH 676 275 bu. 2 btr. hydraulic endgate
Better Bilt 2600 gal. tank axle liquid spreader
IH 540 155 hydraulic endgate, single btr.
Hesston 1400 gal tank spreader
Badger BN102 10 ft. liquid manure pump

2% Cash And Carry Discount on All Parts

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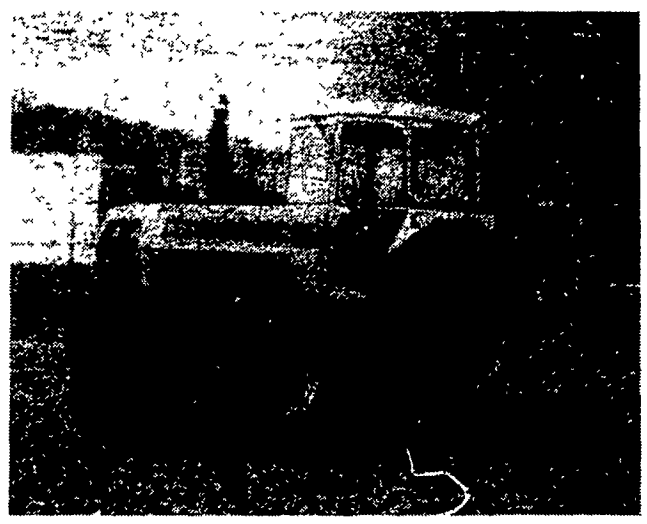
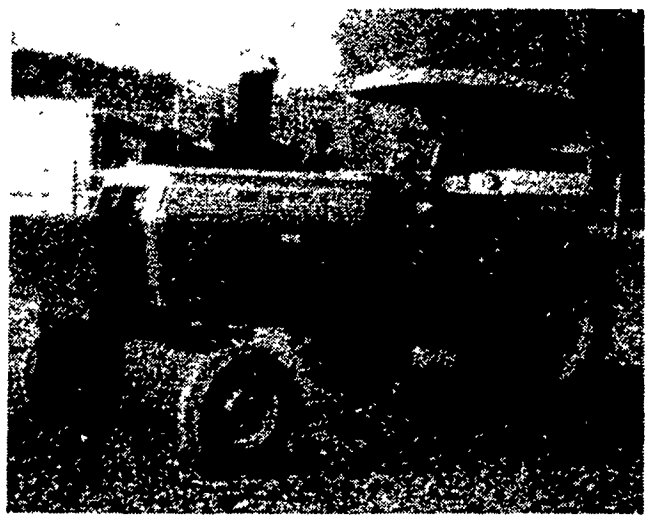
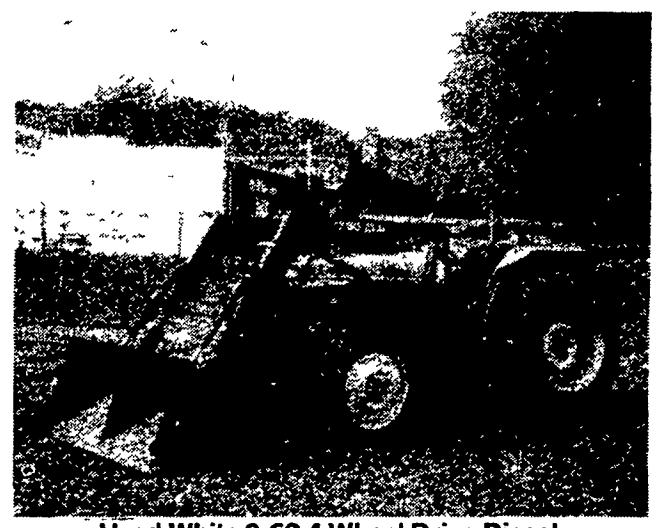


New White 2-110 4 Wheel Drive,
20.8x38 Tires, A.C.

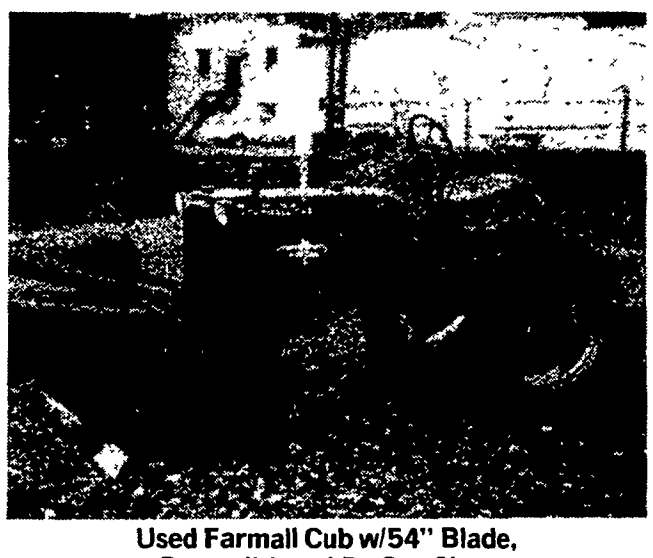
New White 2-88, 18.4x38 Tires
A.C.



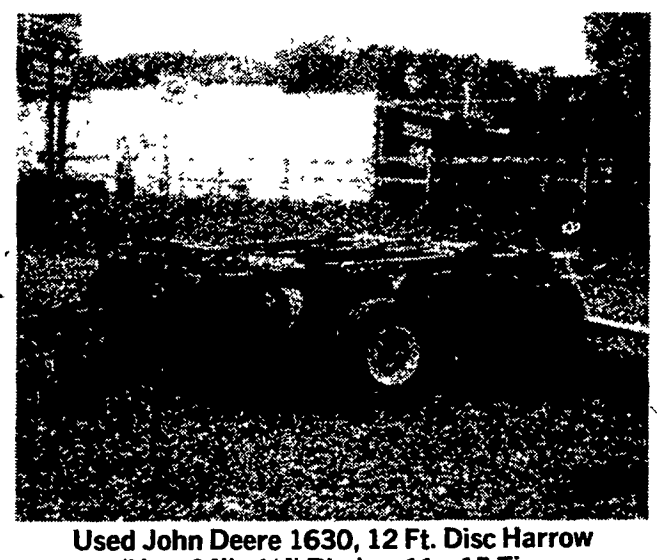
Used White 2-85, 18.4x34 Tires
850 Hours



Used White 2-62 4 Wheel Drive Diesel
Tractor w/Quick-Tach Loader, 750 Hours



Used Farmall Cub w/54" Blade,
Reconditioned By Our Shop



Used John Deere 1630, 12 Ft. Disc Harrow
w/New 24" x ¼" Blades, 11 x 15 Tires,
and Midwest Buster Bar

USED OLIVER TRACTOR PARTS

2- Hydra - Power Transmission Rebuilt
1550, 1600, 1650 $1000.00 Exchange

2- Hydra - Power Transmission Rebuilt
1750, 1800, 1850, 1900, 1950 $1250.00 Exchange

3- Wide Front Axle Assemblies

Reconditioned Oliver Crankshafts with Bearings in stock

1- L-119-B, .020 Rods & .020 Mains
66 Gas
1- L-119-D, .010 Rods & .010 Mains
Super 55&66, 550, 660, Gas & Diesel

1- M-119-D, .020 Rods & .020 Mains
Super 77, 770, Gas & Diesel

1- K-119-D, .010 Rods & .010 Mains
Super 88, 880, Gas & Diesel

1- 155-883-A, STD. Rods & STD Mains
1600 Diesel

1- 155-884-A, .010 Rods & .010 Mains
1600, 1650, 1655, Gas

1- 155-897-A, .010 Rods & .020 Mains
1650, 1655, Diesel
1750, 1755, 1800, Gas

1- 30-307-8663, .020 Rods & .020 Mains
1750, 1755, 1800, 1855, 1950 T, 1955, Diesel
1850, 1855, Gas

Call Paul Weaver, For All Your
NEW & USED Oliver
Replacement Parts
We Will Ship UPS

COMING SOON

Our 5th Annual
Year-End
PUBLIC AUCTION

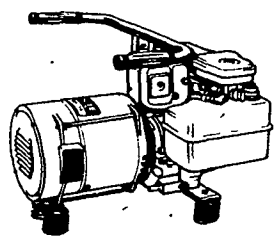
December 4, 1982

RAINBOW TARPS

22 oz. Red Farm Body Covers
w/12" Drop & Fitted Front

14 ft. Farm Body Cover	$195.00
16 ft. Farm Body Cover	$215.00
18 ft. Farm Body Cover	$240.00
20 ft. Farm Body Cover	$265.00
22 ft. Farm Body Cover	$325.00

SPECIAL SALE NOW
ON ALL HOMELITE GENERATORS IN STOCK



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List Price $599.00
SALE PRICE .. $395.00

2250 WATT
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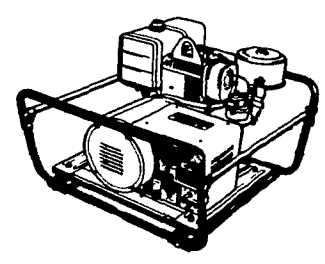
SALE PRICE .. $495.00



3500 WATT
List Price $1290.00
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7500 WATT
List Price $2575.00
SALE PRICE $1695.00

ROLL IT ON ... ROLL IT OFF ... Midwest Coverall

Windproof, weather tight protection for your loads and box. Simply roll-on and roll-off **Coverall** while standing on the ground. The unit is available for truck, gravity and auger boxes 10 to 22 ft. long and 6 to 8 ft. wide. The cover is made of 18 oz. vinyl-coated nylon.

14, 16, 18 & 20 Ft. Models In Stock
Other Sizes Available

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Located in the Village of Farmersville, Lancaster County
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FARM EQUIPMENT

FOR SALE
8 KW PTO generator on wheels, $950
'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel PS, $9500.
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TRACTORS
- Case VAC
- Case 870 Tractor
- Case 930 Tractor "CK"
- Case 430
- David Brown 990 w. Loader
- Oliver 500
- Oliver 880
- Oliver 1750
- White 2-105 Tractor
- Int. 656 Tractor

LOADERS
- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr Loader
- IH 3200 Skid Loader

TILLAGE
- Case 6-Bot. Plow, 20"
- Case Disc Harrow, 10'
- Case Disc Harrow, 12'
- JD 12' Disc Harrow
- Oliver 2 Bot. Trailer Plows
- Brady Field Cultivator
- Oliver 4 Bot Mtd Plow
- Used Cultipacker

HARVESTING EQUIPMENT
- Case 600 Combine w/3-Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Gathering Unit
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 727 Husking Bed
- NI 767 Super Chopper
- NI 737 Cornhead
- NI 323 1-Row Cornpicker
- NI 2-Row Cornpicker
- Int. Mtd Picker, 2 Row
- IH 550 Harvester w/Pickup
- JD No. 25 Harvester
- Case 300 Harvester
- JD Chopper
- NH 717 Harvester
- Kools Forage Blower
- Gehl 1200 Harvester w/pickup and 2-row cornhead

HAY EQUIPMENT
- NH 488 Windrower
- NH 469 Windrower
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- 3 pt. Hookup Mower
- Bale Thrower Wagon
- Case Hay Rake
- JD Hay Rake
- NI Hay Rake
- NI 456 Round Baler
- JD 14T Baler w/thrower

MISCELLANEOUS
- Ford 4-Row Corn Planter
- JD 2-Row Planter, Pull Type
- IH 400 Corn Planter, 8 Row
- 10 Used Spreaders
- NI 218 8½-ton Spreader
- Potato Grader

SPECIAL
• 8 USED WINDROWERS!
• NI 456 Round Baler
$8,500

ZIMMERMAN'S FARM SERVICE
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H. SCHWARTZ & SONS, INC.
NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

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NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES - ALL TYPES FABRICATION - THREADING CUTTING — WELDING
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THIS WEEK'S SPECIAL
(2) Used Badger Wagons w/3 Btrs., Roof & 6 Wheels
Used 6600 JD Combine w/13' Grain Head and 4 RN Corn Heads

USED TRACTORS
Case 970 w/Cab & Air
JD 2840
JD 50
Farmall A w/Cultv, Plow & Pulley

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246
JD 7000 4 R Wide

USED HAY & FORAGE EQUIPMENT
JD 6600 Combine w/Grain Platform & 4RN Corn Head
JD 3940 Harvester w/Electric Controls
Fox 2200 Fg. Harv w/2 heads
Gehl 800 Harvester w/Heads
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
JD 3RW Corn Head
NH 1002 Bale Wagon
JD 24T Baler
NH 271 & 269 Balers w/Throwers
JD 24T Baler
JD 14T w/Thrower
JD Hay Crimper
Hesston 1010 Swing Tongue.
OMC #216 9' Mower Cond.
JD 16 A Chopper
NH #33 Crop Chopper
NH 27 Blower
NH 56 Rake

USED TILLAGE
IH 13' Transp. Disc
Pittsburgh 12' Transport Disc.
IH 4B Spring Reset Plow

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor
NH 352 Grinder Mixer
(2) Badger Wagons w/3 btr., roof & 6 whls.

No Finance Charge on new and used JD tractors until March 1, 1983

NEW TRACTORS
JD 4250 SQ MFD 15 SP, PS, Trans.
JD 2040
JD 2550
JD 2640
JD 2940
JD 2940 SG

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Forage Harvester
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 327, 337 & 347 Balers
NH 311 & 320 Balers
NH 847 & 851 Round Balers
NH 489, 495 & 1495 Haybines
JD 670 Rake
JD 660 Rake
NH #8 Fg. Wagon
JD 714 Fg. Wagon
H&S Fg. Wagon
H&S Bale Wagon

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW SKID STEER LOADERS
Bobcat 743

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 215 Duro-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SPREADERS
NH 519
Martin V Type & Scavenger
H&S #295 Spreaders

NEW DRILLS
JD 8200 18x7

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades

No Finance Charge on NH Hay and Forage Equipment till June 1, 1983

No Finance Charge On JD New & Used Hay Equipment Until May 1, 1983

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Mon., thur. Fri. 7:30 to 5:00
Sat. 8:00 to 12:00

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bobcat SPERRY NEW HOLLAND

FARM EQUIPMENT

STORAGE SHEDS

Built to order with all wood construction
- Built on 4x4 pressure treated skids
- With 5/8" under layment plywood on floor
- T-111 exterior siding
- 2x4 joist 16" on center
- 2x3 rafters
- #240 shingles; choice of 6 colors
- 9 exterior colors
- awning windows
- free delivery to prepared site within 25 miles from shop - cost charged thereafter
- Cottage type 20% more

Compare Our Prices!

6'x8'	$340.00	10'x16'	$680.00
8'x8'	$390.00	12'x14'	$755.00
8'x10'	$440.00	12'x16'	$825.00
8'x12'	$475.00	12'x20'	$940.00
8'x14'	$520.00	12'x24'	$1075.00
10'x12'	$585.00	12'x28'	$1205.00
10'x14'	$630.00		

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(Elam S. Zook)
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NO SUNDAY BUSINESS

NH 269 Baler w/thrower $1575
NH 273 Baler $1550
NH 1469 S.P. Haybine Ford PU . . $3550
NH S717 Forage Harvester
NH 717 Forage Harvesters
NH 880 N2, N3, R2 Cornheads
IHC 550 FG. Harvester w/pickup & 2R Adj. Heads. $850
(2) NH 518 Spreader w/hyd. endgate . . . . . $1375 to $1750
JD 44 Spreader $350
NH 479 Haybine $2290
AC Hopper Blower
Ford 250 Baler $475
NH 269 Baler $1095
Call for prices on other equipment

SPECIAL PRICES ON NEW
NH 707 & 892 Forage Harvesters
NH 2R Adj. Heads, Special Price
NH 3R Head Auger & Pickup
NH L35, L325 Skid Loaders
NH Mowers, & Rakes
NH 230, 234 Wagons
NH 513, 519, 800 Flat Bed Spreaders
NH 367 210 bu. tank spreader
3200 gal. Spreader with injector, Rental
Skid Loader Rentals
Zimmerman Elevators
Pequea Tedders

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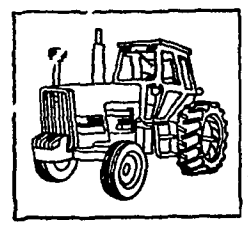
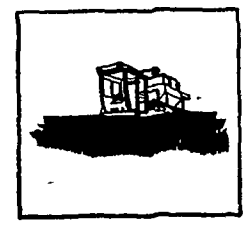


SPECIAL PRICES on USED EQUIPMENT
Best time of the year to buy.
LOW prices & Waiver available!!



TRACTORS

MF 1105D w/cab	Farmall 460 D
MF 1100 D	Farmall H
MF 180 D w/loader	MM G1000 D
MF 180 D	Ford 800
MF 50 D	Case 630 w/loader
MF 50	Case 300
JD 3020 D	AC 7050 w/cab
JD 3020 G	AC 7040 PS, w/cab
JD 60 w/237 2-row picker.	AC 7020 PS, w/cab
JD 60	AC 7000 D w/cab
White 2-50 D	AC 190XT D w/cab
Oliver 550	AC 185 D
Oliver 55 D	AC 175 D
Farmall 656 D	AC 5040 D
Farmall 560 D	AC D19
Farmall 400	AC WD45
	AC WD

FIELD HARVESTERS
Gehl 600 2-row & pick up, EXCELLENT!
NH 718 2-row & pick up, like new!
NH 880 2-row & pick up
AC 720 2-row & pick up
NH 717 2-row & pick up
NH 717 1-row & pick up
IH 350 1-row & pick up
Gehl 1-row & pick up
Gehl 6' Flail
NH 33 5' Flail
IH 110 Forage Wagon w/8 ton running gear

SPECIAL SALE on (New) NEW IDEA 323 CORNPICKERS
SAVE $1,400.00!
In Stock - Ready to GOOOOO!!!

COMBINES
JD 8820 w/15' grain & 630 corn heads, EXCELLENT
Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner L2 w/15' grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 w/15' Grain & 4 row corn heads
Gleaner FKS w/grain & corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
(2) Gleaner E w/cab & both heads
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
MF 300 w/11' grain & 238 corn heads
MF 82 w/grain & corn heads
NH 975 w/11' grain & 238 corn heads
IH 203 w/grain & corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-Row Corn Head & 761 Pick Up Head

CORN PICKERS
(2) NI #7 1-row
NI #10 1-row
(2) NI 305 2-Row Mounted Picker w/307 Husking Bed. Fits Either IH or JD

MANURE SPREADERS & MISC.
NH 791, 365 BU. - EXCELLENT
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 176 BU.
NH 175 BU.
Badger 180 BU.
NH 365 Tank Spreader
Weaverline 330 Electric Feed Cart, 30 BU., Like New!
Weaverline 224 Electric Feed Cart, 24 BU.
Moridge 400 Grain Dryer, Good Condition!

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

PARTSMART

AUTUMN BARGAINS FROM IH

Tractor seats
IH tractor seats are specially engineered to fit the contours of your body and to prevent fatigue during long hours in the field

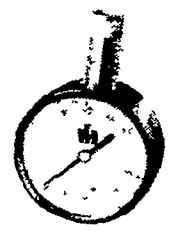
Seat for vertical-acting suspension 407 524 R1 — $139.00
Seat with suspension (not shown) 407 523 R1 — $329.00

IH Hand Cleaner for all your dirty jobs
IH's Antiseptic Hand Cleaner removes greases, cements, paint ink, and all soils. Or select the new IH Heavy Duty Hand Cleaner with grit scrubber action.

Antiseptic Hand Cleaner 1 lb can 999 561 R1 — $2.02
Heavy Duty Hand Cleaner, pt. 1131 736 R1 — $2.31

Tire Gauge
- Easy-to-read dial... from zero to 100 psi
- Brass gear movement assures accurate reading of tires filled with air or solution
- For farm equipment, trucks, autos, campers
- Sturdy construction with unbreakable crystal.
- Part number 407 388 R1.

$5.95



International Starting Fluid
Just a small amount of atomized IH starting fluid will give you a sure start in temperatures to 65° below zero. Premium additive lubricates upper cylinder area. Inhibitor prevents corrosion.

12 oz aerosol container 385 064 R91 — $1.50
16 oz aerosol container 997 158 R1 — $1.85
(12 oz.) Case of 12 . . . $14.39
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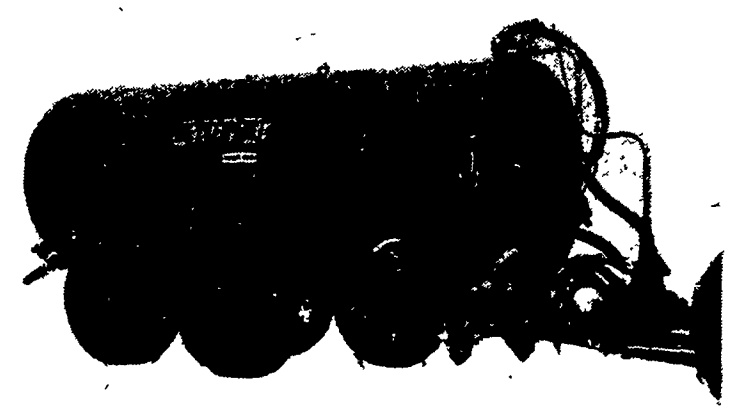
Why? It's "Bilt-Better"



Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

SPECIAL
1 - USED BETTER BILT 2600 Gallon VACUUM SPREADER w/Tandem Axle and 4" Suction Hose, Plow Down Attach.

1 - Used 5½ ft. Pickup Head for JD 3940 Harvester, good condition.
One 7' Myers snowplow for Ford ½ ton pickup, good condition

1 - JD 4020 diesel tractor w/wfe

CALL US FOR YOUR NEEDS OF
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

NEW HOLLAND

WINTER BUYERS SPREE
Cash Bonuses On New Holland Equipment

	NOV.	DEC.	JAN.
311, 315, 316 and 320 Balers	$400.00	$300.00	$200.00
855 Round Baler	$2400.00	$2000.00	$1600.00
472, 474, 488, 489 Haybine	$400.00	$300.00	$200.00
495 Haybine	$450.00	$350.00	$250.00
1495 Haybine	$1600.00	$1400.00	$1200.00
PTO Automatic Bale Wagons	$800.00	$700.00	$600.00
85 Bale Handler	$300.00	$200.00	$100.00
Rakes	$100.00	$50.00	$25.00
707 Harvester	$300.00	$200.00	$100.00
718, 782 Harvester	$600.00	$500.00	$400.00
892, 1600 Harvester	$900.00	$700.00	$600.00
1900, 2100 SP Harvester	$5000.00	$4200.00	$3400.00
Crop Chopper	$300.00	$200.00	$100.00
Forage Box	$300.00	$200.00	$100.00
Combines	$6000.00	$5000.00	$4000.00
L325, L425, L445 Skid Steer Loader	$500.00	$350.00	$200.00
L555, L35, L775, L779 Skid Steer Loader	$650.00	$500.00	$350.00

OR

5% Finance Rate on 24 Mo. Contracts

0% Finance Rate on 12 Mo. Contracts

Free Finance until Seasonal Use Dates

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bobcat POWER KING

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This Week's Special...
IH F1066D TRACTOR
Cab & Air, Excellent Cond.
Call For Price!

Tractors
Farmall H
Farmall M
Case Model 450 crawler
IH F1066D
F460 D
IH F544
IH F1256
MF 255
Ford 900
Oliver 70
Oliver 550 w/Loader

Plows
IH 211 2F 16"
IH 311 3F 16"
IH 411 4F
IH 550 5F
IH 560 6F
IH 700 6F Auto. Reset
IH No. 8 Trailing
IH 412
3F Trailing Plow
MF 3F 3 pt. Plow
MF 5F 14" Mounted
JD 3 pt. 3F Plow
Ford 5F 18"

Tillage
IH 475 Disc
IH 24 Offset Disc
IH 122 Mtd. Disc Harrow
IH 4500 V.S. 12 Ft.
Lely Power Harrow
JD KBA Disc

Planters & Drills
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo, 6 row, N
IH 400 Cyclo 4 Row
IH Super C Cultivator
JD 4 Sect. Rot. Hoe
JD 494 Planter
JD 15x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter
MF 4 Row Cult.
Ontario 13x7 Drill

Skid Loaders
Case 1530
IH 3200
Bobcat 520
Gehl 2600

Pickers
Oliver 5 Picker

Combines & Cornheads
NI 725 Cornhead
IH 91
IH 127
IH 403 Combine
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 744 Corn Head
MF 35 Combine

Hay Machines
IH 46 Baler w/Thrower
IH 10 Bale Thrower
IH 27V Mower
IH Cub 222 Mower
JD 14T Baler
M.C. Rotary Scythe
Myers Hay Crusher
NH 3 pt. Mower
NH 282 Baler
NI Mower
NI 290 Mower Conditioner
NI 402 Rake
MF Rake

Forage Equipment
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 56 Blower
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH 5 Flail Chopper
IH Hay Pickup 550/650
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower

Lawn & Garden
Power King 2418 Tractor
Power King 42" Snow Blade
IH Cadet 60 Riding Mower
IH 122 Cadet w/mower
Economy 1614
Snow Blowers
E.Z. Lawn Vac.
Gravely Sickle Mower
Bolens G10 w/Mower
JD 110 w/Mower and Snow Thrower
Sears 10 HP w/Mower
Snapper Comet riding mower

Miscellaneous
Sauder 7 ft. Snow Blade
NH 32 ft. Elevator
IH 1850 Loader
NI 214 Spreader
Waldron Dozer Blade w/IH or JD Mountings
580 Truck Mtd Spreader
NH 346 Tank Spreader
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
IH 300 Mixer Wagon
Akey M50 Mini Spreader
NI 12A Spreader
Buck Saw

★ WE RENT BOBCAT LOADERS ★

SWOPE & BASHORE, INC.

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138
Area Codes 215 & 717
Call Toll Free 1-800-692-7467

SAME AVCO NEW IDEA

FOR SALE

SAME Saturno 80-80 hp, 4 WD tractor, 920 hrs., w/Hardy loader, $11,985

Case tractor, 870, 12 spd., ps trans., good cond., $8600

Stauffer 16' 2 btr. forage box with 8 ton gear, good cond. $990

Coby 14' 3 btr. forage wagon w/roof, $1575

Dion 60" forage blower, good cond. $1385

Artsway 154-54" forage blower, NEW $1600

N.I. forage blower, model 620, 54"fan, good cond. $875.

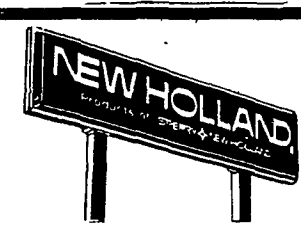
NH model 469 mowditioner, $2,560 good cond.

Wic bedding chopper, model 7910, 5 h.p., $1100 (Demo)

NI #323 1 row picker, like new, 90 acres, $4,300

IH #580 manure sprader, hyd. endgate, Gratz chains, good cond. $3,600

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526



NEW HOLLAND FREE FINANCE
HAY & FORAGE JUNE 1, 1983
NEW COMBINES NOV. 1, 1983,
USED COMBINES AUG. 1, 1983
NEW & USED GRINDER MIXERS
APR. 1, 1983

NEW EQUIPMENT
Depressed Prices
Overstocked Inventory

NH 488 haybine 9'
NH 880W pickup head
NH 822 2 row heads 38"
NH 38 crop chopper
NH 80 bale mover
McConnell 14' forage box
NH 13' rigid grain head
NH 519 manure spreader
NH 892 Forage Harvester w/metal detector
NH TR85 combine w/Cat engine

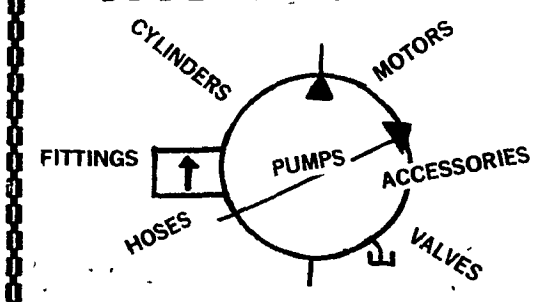
SPECIAL PROGRAM Till DECEMBER 31
12 MONTH CONTRACT
AT NO INTEREST CHARGES

Renting skid steer loaders

ABRACZINSKAS
Farm Equipment, Inc.

RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

HYDRAULICS



Wholesale and Retail
SALES - SERVICE - INSTALLATIONS
(Hydrostatic Transmission Repairs)

Let us do your trouble shooting and system designing
WILL TRAVEL

LOG SPLITTER COMPONENTS

11 G.P.M. 2 Stage Pump	$118.50
15 G.P.M. 2 Stage Pump	$163.00
22 G.P.M. 2 Stage Pump	$277.00
Automatic Valve	$69.00
4x24 Cylinder	$125.00
5x24 Cylinder	$169.00

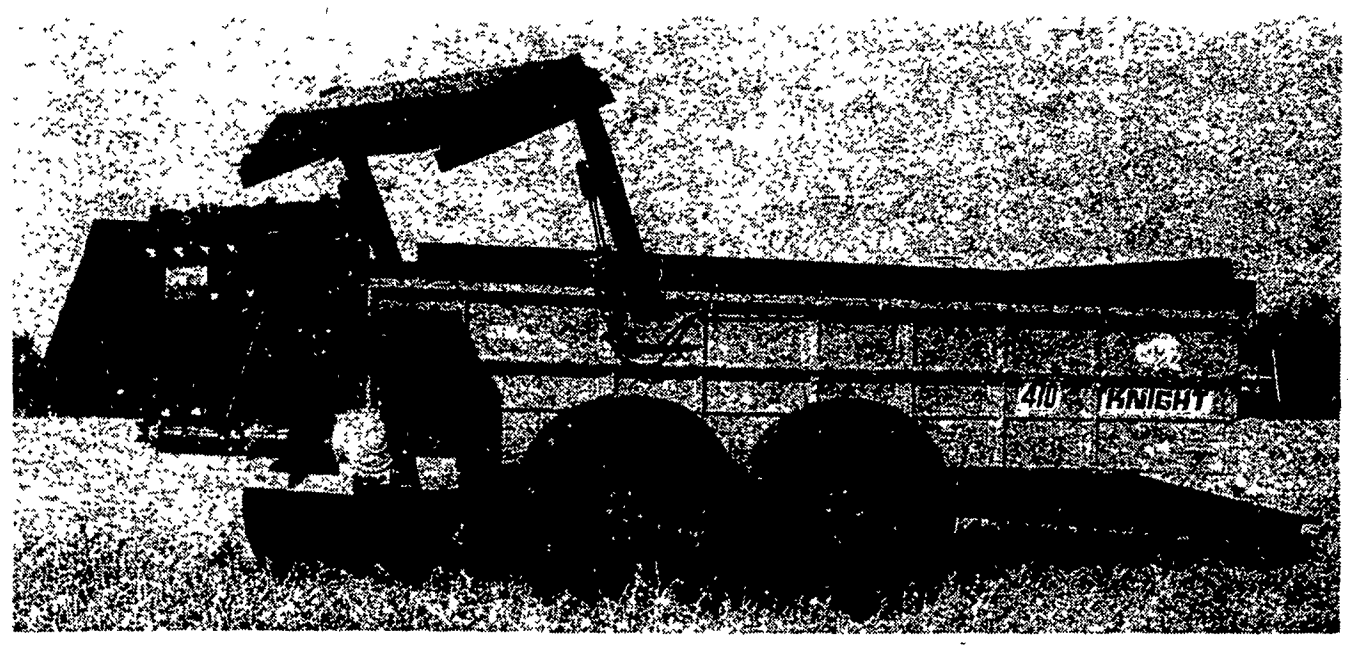
Beiler Hydra-Matics

Hydraulic & Air Supplies
Box 587 RD #3 New Holland, Pa.
UPS Service (717-656-2846)

DON'T BUY ANY MANURE SPREADER BEFORE YOU CHECK WHY KNIGHT QUALITY IS WINNING THE CONFIDENCE OF MANY FARMERS

KNIGHT

"410" MANURE SPREADER



The box construction is heavy-duty, all steel copper bearing with 10 ga. bottom and 11 ga. sides welded as one unit. Heavy auger style beaters with alloy steel "ripper" teeth shred frozen manure for easy spreading. Hydro-fluid endgate seals sloppy manure. Auger type top beaters spread that extra high load. Full independent undercarriage frame.

IN STOCK, READY FOR HARD WORK, SUCH AS SHREDDING FROZEN MANURE, ETC.

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543
PH: 717-626-4705
Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

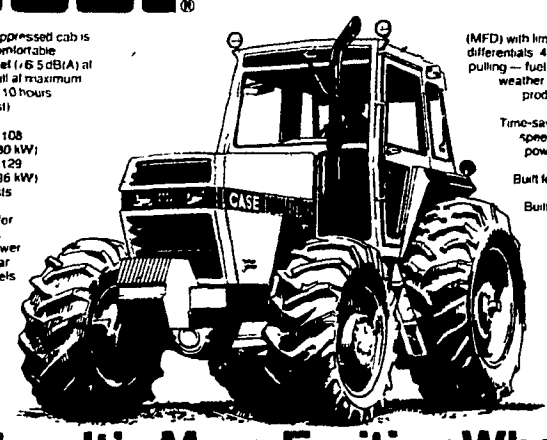
case®

4 WHEEL POWER IS EXCITING

Sound suppressed cab is roomy comfortable clean quiet (≤ 85 dB(A) at 75% of pull at maximum power for 10 hours official test)

2090 has 108 PTO hp (80 kW) 2290 has 129 PTO hp (96 kW) official tests

Power differential lock directs power to both rear drive wheels



(MFD) with limited slip differentials 4 wheels pulling — fuel saving weather beating productivity

Time-saving 12 speed range power shift

Built for work

Built to last

Plus, It's More Exciting When You Get...

1. **A FREE Case Silent Guardian cab w/ heater, air conditioner and 6-way adj. President's Chair.**
2. **Plus Interest Free Financing till Nov. 1, 1983!**

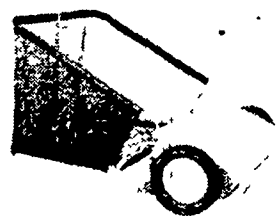
   OR

   8.8% Financing up to 4 Years.
3. **2090 4 Wheel Drive in stock at old price.**

TRADE UP TO A BARGAIN NOW!

TAKE A GOOD LOOK AT OURS!

CASE HEAVY DUTY LAWN SWEEPER



- 11 Bushel Capacity
- Two Stage
- 38" Width
- Positive Gear Drive
- Large Traction Wheels, 3" Wide for Non Slip, (Not a Discount House type unit)

Reg. Price $390

NOW ONLY **$296**

★ SUPPLY LIMITED ★

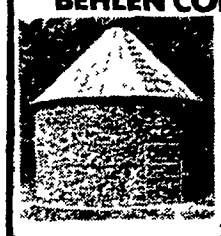
JOHN DEERE MODEL 8200 DRILL, DOUBLE DISK OPENER W/DEPTH CONTROL, LIKE NEW

Are Your Corn Cribs Overflowing?

Add a #1 Behlen

For low cost storage

BEHLEN CORN CRIBS



Did You Know Behlen Corn Cribs are No. 4 gauge, Which is heavier than most other brands and helps to prevent bulging of sides.

3 Sizes available:

Model - FL-10 611 bushel plus extra capacity in roof area

Model - EL-10 1085 bushels plus extra capacity in roof area

Model - EXL-15 1515 bushels plus extra capacity in roof area.

Remember! Go Top Notch Quality... GO BEHLEN

Limited Quantity In Stock At Old Prices

In Stock... The All New

MODEL 8440 MORIDGE HI-CAPACITY GRAIN DRYER

1 Only

Reg. Price $10,969

SALE $8,948

★ Buy at a good savings NOW!

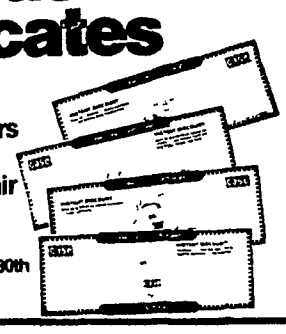
★ 405 Bushel

★ Call us for the outstanding characteristics and specifications on this dryer.

SERVICE SHOP INSTALLED PARTS

Case Cash Certificates

Can Save You Hundreds of Dollars on Case Maintenance Repair & Accessory Parts



NOW THRU NOVEMBER 30th

STOP IN FOR DETAILS

PARTS $PECIAL Preferred Customer

Save Big with "Case Cash Certificates" Instant Discounts on:

- Lubricants
- Batteries
- Bucket Teeth and Cutting Edges
- Tillage Tool Part
- Service Shop Installed Parts
- Plus other Maintenance and Accessory Parts

NOW THRU NOVEMBER 30th

Take Delivery Now!! Final Due Dates Next Spring!!

GEHL® FARM EQUIPMENT

30% Down Now
Final Due Date April 1, 1983

or

40% Down Now
Final Due Date June 1, 1983

TOTAL DENSITY CONTROL BALERS WORK BETTER

Models: 1450 & 1850

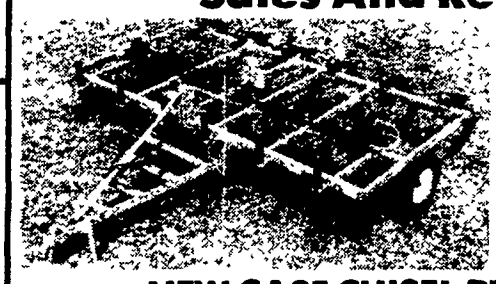
You can get that new Gehl Baler **NOW** with special Delayed Payment program. And you can beat today's high interest rates by paying 30% or 40% down in cash or trade, with final due dates **NEXT SPRING!!**

OR

Pre-pay the entire amount NOW and Gehl will send you a Cash Bonus Check!! This will lower the cost of your Baler!!

We're ready to make a deal! Stop in for full details Get a Gehl!

Sales And Rentals To Suit Your Taste



case

ANDOLL

Soil Saver

NEW & USED 3 PT. HOOKUP CHISEL PLOWS IN STOCK

All Pull Type Machines In Stock With Hoses To Tractors, Set Up And Ready To Go

NEW CASE CHISEL PLOWS VALUED OVER $1,000 ARE ELIGIBLE FOR INTEREST FREE FINANCING TO MARCH 1, 1983

THE SOUTHEAST LINE

Lift Those 1500 Round Bales With BIG BALE HANDLERS

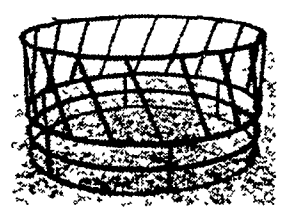
MULTI-PURPOSE HiLIFT

(Model HL-200 Wt-160 lbs.)

The SOUTHEAST HiLift is designed to fit a variety of category II implements.

When used with a bale carrier, the big bales can be stacked or loaded on trucks When used with a rear scoop, wagons or trucks can be loaded with ease. The HiLift can be used with any standard Category II implement when a higher lift is desired.

BC-150 3 Pt. Hitch Round Bale Carrier, economically priced at **$201.00**

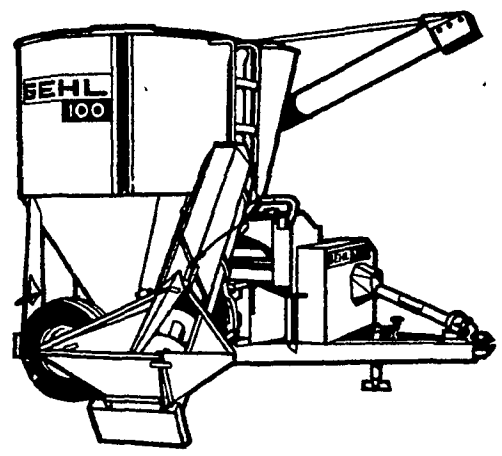


MODEL RF-15 ROUND FEEDER

The SOUTHEAST Round Feeders are ruggedly constructed to give years of feed saving service. Each feeder makes it possible to feed nearly 100% of your big bales to over 20 head of full grown cows. The nearly 100% utilization of feed can more than double your feed dollars.

Sale Price... **$135.00**

CHOPPING TIME IS NOW ON ALL NEW 100-135 MILLS



GEHL® FARM EQUIPMENT

PAYMENT TIME IS APRIL 1983

Put new Gehl equipment to work on your farm **NOW** with a special Delayed Payment Program from Gehl. With 50% down you can buy new Gehl machinery with a final due date of April 1, 1983.

OR

Prepay the entire amount and Gehl will send you a Cash Bonus Check.

We've got the details, and we've got the equipment, so stop by. Beat high interest rates... buy new Gehl machinery NOW!!

BINKLEY & HURST BROS., INC.

133 Rothsville Station Road, Lititz, PA 17543

PH: 717-626-4705

Hours: Daily 7 A.M. to 5 P.M.; Sat. 7 A.M. to 11:30 A.M.

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

STRALEY FARM SUPPLY

Ford Tractors Equipment

1760 E. Canal Road
Dover, Pa. 17315

Farm - Industrial Equipment
717-292-2631 717-292-4443

All New Ford Tractors (over 30 HP) and Equipment
9¾ percent interest
Free financing until March 1

Just received from the state - 21 Cub Lowboys w/5' mowers. Selection to choose from, Prices vary. Buy now, limited supply left.

TRACTORS

JD 60, 3 pt. hitch
New Ford 1900, 4 wh. dr., diesel,
2600 Ford, cab, front broom **$10,995**
5600 Ford, 4 wh. dr., Blue Power Special
5600 Ford w/loader, 150 hrs.
5000 Ford diesel, new tires, new paint **$5,900**
AC D10 w/loader good shape
Ford Jubilee engine complete overhaul
Ford 800, good shape, 3 pt. hitch
6 Ford 8N's to choose from
David Brown 4600 select-o-matic w/3 pt. hitch **$1,995**

INDUSTRIAL EQUIPMENT

TLB Ford #4500
Ford Tractor w/forklift
AC grader w/diesel engine
IH truck 550 diesel
Fruehauf 42' drop deck trailer air rides 1976 model **$6,900**
6 industrial trailers, all sizes, priced right

EQUIPMENT

Gehl Skid loader model HL 3030 **$2,500**
New Ford CL 20 compact loader **$7,495**
Big Dipper front end loader model 672W **$1,500**
NI 310 pull-type 1 row picker
Ford 1 row mounted corn picker **$495**
Brady portable hydra mixer, model 1050 **$2,495**
New gravity boxes several to choose from
New IH model 720 forage harvester w/corn & hay head **$7,500**
New Speedy corn crib, 1200 bu. **$795**
New Brady spreader model 141, 150 bu., special **$2,495**
NH model 975, self-propelled combine, 13' grain head **$2,995**
New Ford corn planter, 6 row, no-till, tires, fert. attach. & seed control
New Ford silo blower model 618
Ford chisel plow 131 10 shank **$1,595**
Used 350 Chief grain dryer **$2,950**

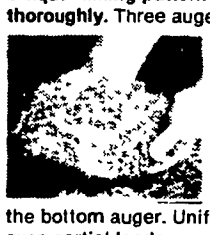
COME TO WHERE THE MIXERS ARE IN STOCK
SEE THE NEW MODEL 115 Cu. Ft.

Make every bite right.

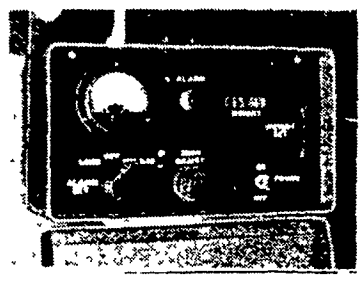
Combine Ensilmixer® feed mixer, with scales, and a Jamesway® TMR system.

You can increase production. Reduce feed costs. And improve labor efficiency. All, when you use an Ensilmixer feed mixer, with scales, by Oswalt® to round out your Jamesway Total Mixed Ration (TMR) feeding system (including silage distributor-unloaders, conveyors and cattle feeders). Or, use it with any mechanized feeding system. Whether you prefer the stationary, trailer-mounted or truck-mounted model, it's a real profit-building management tool.

Unique mixing pattern blends feed thoroughly. Three augers move feed from front to back and side to side. Reverse flighting at both ends lets feed fall freely for recirculation or discharge by the bottom auger. Uniformly mixes even partial loads



Precisely weighs ingredients. Accurate weighing means consistent, balanced rations; eliminates waste. Lets you calculate the amount of feed needed and mix that much. Weigh bar system is standard, electronic scales optional



That's why the Ensilmixer feed mixer, with scales, and TMR feeding system are right for you as well as your cattle. And, can help make farming just a little bit better. Ask your Jamesway Power Choring dealer.

We Have Models In Stock - Available At:

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA
215-273-3131 — 273-3737

BUTLER® AMESWAY® **Ensilmixer® feed mixer from JAMESWAY®**

The performance leader... making the good life better

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

NOTICE TO ALL FARMERS

If you have a problem in tractors, all brands, concerning hydraulic, differential, hydrostatic or wet brake system slipping.
We can solve it on your farm.

Reasonable Rates
Must inquire to appreciate

F & S Service
717-687-8412

MF Massey Ferguson

M.M. WEAVER & SONS, INC.

LEOLA, PA. 17540 PH: 717-656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

NEW & DEMO MISC. EQUIP.

York 8' Scraper	@ $550.00
MF 226 Scraper (3)	@ $460.00
MF 8 10 Ton Gear 11L	$1140.00
MF 7 8 Ton Gear	$775.00
MF 86 12 Ton Tandem Gear	$1525.00
MF 5 Ton 5th Wheel Gear	$300.00
EZ 672 6 Ton Gear	$675.00
EZ 1074 10 Ton Gear	$1050.00
MF 216 Q A. Loader	$1750.00
Dunham 22 Loader (2)	@ $2550.00
Danuser Post Hole Digger	$875.00
Little Giant Corn Drag	$780.00
EZ 170 Bu. Gravity Box	$550.00
EZ 220 Bu. Gravity Box	$900.00
Danuser Post Driver	$1300.00

USED CORN HEADS

MF 83 8 Row 30" (2)	@ $7000.00
MF 63 C 6 Row 30" (2)	@ $2500.00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38" (3)	@ $2100.00
MF 43 4 Row 30" (1)	@ $2500.00
MF 33 3 Row 30"	$2500.00
MF 24 2 Row 38"	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 621 4 Row To Fit 510	$1200.00
MF 322 3 Row To Fit 410	$200.00

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head	$5700.00
(4) MF 1 row Corn Head for 200	@ $900.00
MF 22 Bale Thrower	$1520.00
(2) Farmhand F7 Hay Rake	@ $1995.00
Farmhand M 25 Hay Rake	$975.00
(2) Mott 3 pt. 72" Flail Mower	@ $1500.00
Farmhand Grinder-Blower	$4500.00
Conveyor For Above	$950.00
Farmhand 815 Grinder Mixer	$4900.00
EZ 14' Forage Box, Roof, 10 Ton Gear	$4015.00
EZ 14' Forage Box, 10 Ton Gear	$3715.00
EZ 14' Forage Box, 1074 Gear	$3950.00

USED HAY - FORAGE & PLANTING

Gehl Blower	$800.00
Gehl SP Harvester	$1,200.00
MC Rotary Scythe	$3,900.00
Model 3300 Fox Harvester w/2 Row 30 Corn Head	$4,500.00
Badger 16' Fg. Wagon	$1,200.00
MF 1440 Round Baler	
MF 1560 Round Baler	$5900.00

TRACTORS USED

AC 7045, Power Shift, Only 120 Hrs	$26,500
MF 1800	$15,500
MF 33 Wheel Loader	$9000.00
MF 2675	$20,000.00
MF 1130 engine overhauled	$8000
MF 178 Diesel	$4500
MF 1135 w/cab	$12,500.00
MF 35 Diesel	$3,400.00
IHC 1456	$9,500.00
MF 2775 Diesel 165 H P.	

DEMO TRACTOR

(2) Ind 20C Tractor Cabs	@ $1500.00
MF 4840, 265 Hp, 18 sp. 3 pt P T O	$59,000.00
MF 275 8 Speed	$12,800.00
MF 285	$18,500.00
MF 2745	$28,000.00

USED PLOWS & TILLAGE

MF 520 Disc 10'	$1500
IH 414 Semi-Mtd Plow	$600
IHC 16' Vibra Shank	$1500
JD 28' Rotary Hoe	$1800

NEW & DEMO PLOWS & TILLAGE

MF 129 3 pt. Chisel Plow	$1375.00
Dunham 8 Tooth Chisel Plow	$1600.00
MF 730 Disc Harrow 10'	$4950.00
MF 428 4-38 Cultivator	$1250.00
MF 620, 12' Disc Harrow	$4950.00

WE SOLD 20 NEW MF COMBINES LAST WINTER.
CONTACT US NOW FOR THE BEST SELECTION OF GOOD USED COMBINES.

USED COMBINES

1981 MF 850 Hydro w/1163 C H only 181 hrs	$59,000.00
1980 MF 760 V8, 15 ft Floating Header, 1163 Corn Head	$62,000.00
1978 MF 760 V8, with rear Wheel Drive & Grain Saver	$48,000.00
1977 MF 760 Turbo 6 hydro 15' Grain Head	$35,000.00
1976 MF 750, 4 Whl. Drive w/6R & 4R Corn Heads & 15' Floating Grain Table	$39,000.00
1976 MF 750 Hydro, 14 Ft Grain Head	$29,000.00
1976 MF 750 Gear Drive 14 Ft. Grain Head	$26,000.00
1975 MF 760 V8, 15 Ft Grain Head	$29,000.00
1975 MF 760 V8 Hydro 15' Grain Head	$28,000.00
1975 MF 510 Diesel 13' Grain Head	$19,000.00
1974 MF 510 Diesel, 16 Ft Floating Header	$17,500.00
1974 JD 6600 Dsl., 13' Grain Head	$24,000.00
1972 MF 410 Diesel 13' Grain Head	$10,500.00
1972 MF 300 Gas 10' Grain and 2 Row Corn Head	$10,500
1971 MF 510 Diesel 13' Grain Head	$14,500.00
1969 MF 510 Diesel 13' Grain Head	$12,500.00
1968 MF 510 Diesel 13' Grain Head	$13,500.00
1968 MF 510 Diesel 13' Grain Head	$10,000.00
1968 MF 510 Diesel 13' Grain Head	$15,000.00
1968 MF 510 Diesel, 13 Ft Grain Head	$10,500.00
1968 Gleaner CII, 13 Ft. Grain Head, 4 Row 36" C.H.	$8500.00
IH 315 Gas, 12 Ft Grain Head, 2 Row Corn Head	$7900.00
IH 141, 10 Ft Grain Head	$2000.00
IH 303, 10 Ft. Grain Head	$2900.00
AC CII Gleaner with Grain Head	$2,900.00
AC A Gleaner	$2,000.00

NI 702 Diesel Tractor, 767 Super Chopper, 763 Corn Head, 717 Combine, 13' Floating Grain Head

NO FINANCE CHARGE ON USED COMBINES TIL JUNE 1, 1983

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

MESSICK'S
Farm Equipment Is Our Business

NOW **$AVE DOLLAR$**

NEW HOLLAND OFFERS YOU A CASH REBATE FOR CASH PURCHASE OF HAY TOOLS AND FORAGE EQUIPMENT.

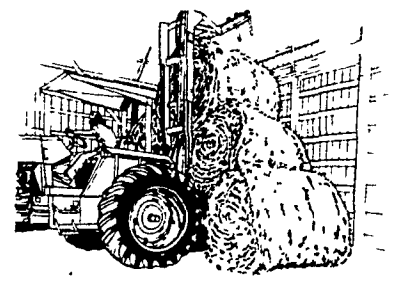
CORN FODDER SPECIAL

New Addition To The New Holland Baler Line

NH MODEL 849 ROUND BALER

NEW HOLLAND

WAIVER OF FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT UNTIL JUNE 1, 1983 and NEW & USED FORAGE EQUIPMENT UNTIL SEPT. 1, 1983 ALSO:
PAY CASH & GET A CASH REBATE



MODEL 90 BALER HANDLER

Stack 'Em 3 High

Special $1498.00 (One Only)

GLENCOE® SOIL SAVER

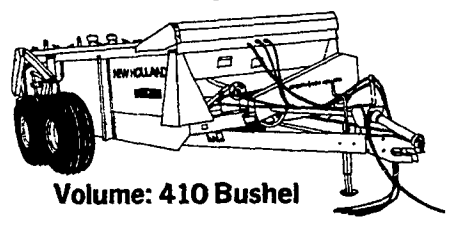
The Tillage Tool With A 5 Year Limited Warranty!

The original Glencoe Soil Saver in just one pass, it chops, slices, digs, churns and blends soil and crop residue into a uniform ridged surface that resists wind and water erosion.

New Addition To The New Holland Spreader Line

NEW HOLLAND

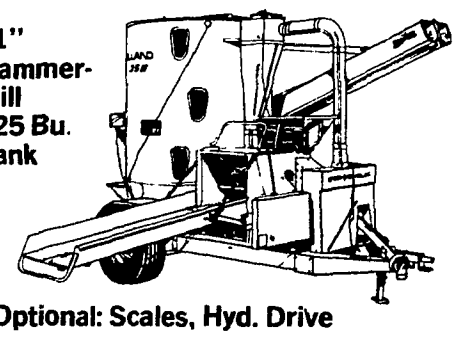
NH 795 BOX SPREADER



Volume: 410 Bushel

NH 358 GRINDER MIXER

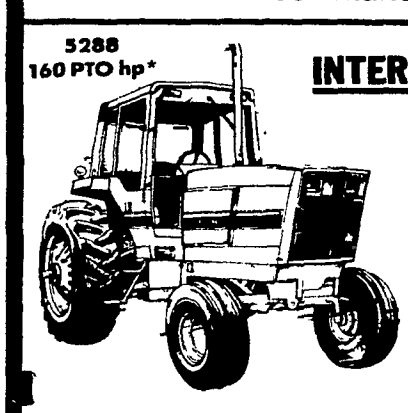
- 21" Hammer-mill
- 125 Bu. Tank



Optional: Scales, Hyd. Drive

Free Finance Till April 1, 1983 or Cash Rebate

5288
160 PTO hp*



INTERNATIONAL-THE NEW NO. 1

Looking for a clean Used Tractor?

We have a CREAM PUFF!

Int. 1086, Cab & Air, 190 Hrs., Excellent Condition

5088
135 PTO hp*

Wouldn't it be wonderful to take a tour of the International Harvester Tractor Plant - Call us for details!

GOOD CLEAN USED EQUIPMENT

TRACTORS
IH 656D Tractor
Int 1086, Cab & Air, 190 Hrs., Excellent Cond.

HAY EQUIPMENT
IH 37 Baler w/Thwr.
NI Mower Conditioner
IH 430 Baler & Thrower
N.I. Mower Conditioner, Like New
J.D. Hay Tedder
NH 68 Baler
NH 67 Baler
NH 65 Baler
NH 270 Baler w/Thrower
NH 273 Baler w/Thrower
NH Model 1495 Self Propelled Haybine
NH 489 Haybine, Excellent Cond.

SKID LOADERS
NH L425 Skid Loader, Excellent Cond. SAVE $$$
NH L325 Skid Loader

SPREADERS
NH 676 Spreader w/Fine Pan, New Chain Web
NI Model 218 w/Hyd. Endgate, Ex. Cond.
REPOSSED NH 800 15 Ton Spreaders w/Hyd. Gate, Fine Pan, Top Beater, Excellent Cond.

PLANTERS
JD 494A 4 Row Planter
IH 400 Planter 4 Row
Tye No-Till Grain Drill w/Coulters & Press Wheels. Ready to go! Like New.
Int. 800, 6 Row w/No Till, Fully Equipped

TILLAGE EQUIPMENT
IH 531 Plow
IH 37 Disc Harrow 11 Ft. 6" Cut
Brillion 10 Ft. Packer
Brillion 16 Ft. Transport Harrow
Brillion 10 Ft. Transport Harrow
IH Little Genius 2 Bottom Plow
3 Pt. Disc Harrow
Athens 18 Ft. Disk Harrow

THIS WEEK'S SPECIALS
NH #36 Crop Chopper $1350
IH #5 Crop Chopper $1050
Brady 4 Row Stalk Shredder $2975

HARVESTING EQUIPMENT
IH Model 234 Mtd Corn Picker
NH Self Propelled 818 Diesel Harvester
880 N3 Corn Head
IH 15 Hay Rake
Bush Hog 5 ft. Rotary Cutter Trailing
AC Model 630 6 Row Narrow Cornhead, Used 2 Seasons, Like New
Fox Model 2310 w/H.D. PTO Electric Power Sharpener, 2 Row New Style Corn Head & Pickup Attach Only Used ½ Season
Dion Forage Box Wagon w/10 Ton Gear. Flotaton Tires & Adjustable Tongues. Ex. Condition
NH Model 30 Blower, 1000 R.P.M.

MISCELLANEOUS
Several Used Cub Cadets
Myers 7 Ft. Snow Plow, Fit. Tractor or Truck
NH 355 Grinder Mixer w/scales, Flotation Tires, Heavy-Duty PTO

STIHL®
The World's Largest Selling Chain Saw

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
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SPECIAL PRICES on Kendall Oil For Diesels

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HOOVER DIESEL SERVICE

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2½ miles East of Leola along Rt. 772

Dreses radial drill press, 48" beam, 20 HP phase converter
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REPOSSED

NH 800 15 Ton Spreaders w/Hyd. Gate, Fine Pan, Top Beater, Excellent Condition
Call
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INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW TRACTOR SPECIALS

Check on Rebates and Waiver of Finance till 3-1-83 or 9.9% financing

IH 784 4 wh. dr.
IH 3688 w/rops and 18.4x38 tires
IH 3688 w/cab & 18.4x38 tires
IH 5088 w/cab & 20.8x38 tires

NEW EQUIPMENT SPECIALS

TILLAGE
IH 510 5F 18" plow
IH 720 6F 18" plow
IH 5500 Chisel plows
IH 475 12' disk
IH 415 12' packer mulcher
IH 4500 12' vibra shank cultivator

HAY AND FORAGE
IH 1190 9' mower cond.
IH 600 forage blower
IH 120 forage box
IH 781 forage harvester w/hds.
IH 881 forage harvester w/hds.

PLANTING EQUIPMENT
IH 5100 16x7 drill w/out fert.
IH 5100 16x7 drill w/fert.
IH 800 4R adj. air planter w/insect.

SPREADERS & MISCELLANEOUS
IH 540 spreader 185 bu.
IH 550 spreader 215 bu.
IH 560 Spreader 245 bu.
IH 30' 8' blade
IH 40' 8' blade
IH 2250 loaders

ALL EQUIPMENT ON STOCK

USED TRACTORS

Waiver of Finance till 3-1-83 or 11.9% Financing

IH 186 D w/cab hydro nice . . $22,500
IH B275D Tractors. $1150
IH 806 D w/3 pt. $8500
Oliver 1750 D w/18.4x38 Tires $8500
MF 1080 D . . . . . Coming In
IH F 300 Gas w/2 pt. $1750
IH 856 w/WF & 3 pt. $8950

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker $950
Fox 1 Row Corn Head for a 546 . $150

USED HAY EQUIPMENT

IH 990 7' mower conditioner . . $1750
IH 37 Baler w/thrower $1800
IH 27 Baler w/thrower $1500
JD 24T w/thrower $1150
NH 469 mower cond. $2350
Hesston 1010 10' hydro-swing mower cond. $3500
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit . . . . . Coming In
IH 2 rw wide and narrow head for 720 and 830 harvesters $1650

Waiver of finance until 6-1-83

USED TILLAGE

IH 720 6f 18" like new w/cylinder, toggle trip. $6500
IH 315 - 12' packer mulcher w/cyl. $2150
IH 60 3F 14" trailer plow $375
IH550 5F 16" plow. $1250
IH 710 5F 16" plow w/cyl. $2250
IH 37 10' disk $750

SPREADERS AND MISC.

Hawk Bilt 2195 Flail (New) spreader w/hyd lid $5350
NI Model 211 Spreader (Nice) . $1350
Ford 5' rotary cutter. $350

USED PLANTERS AND DRILLS

IH 56 4 row w/cyl. $1750
IH 400 4 row 38" $2500
JD 494 A w/new hoppers $1350
IH 400 6 R 30" Planter, w/insect $4500
IH 249 2R planter. $500

Waiver of finance until 5-1-83

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East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

HOOBER EQUIPMEN

"WE ARE NO

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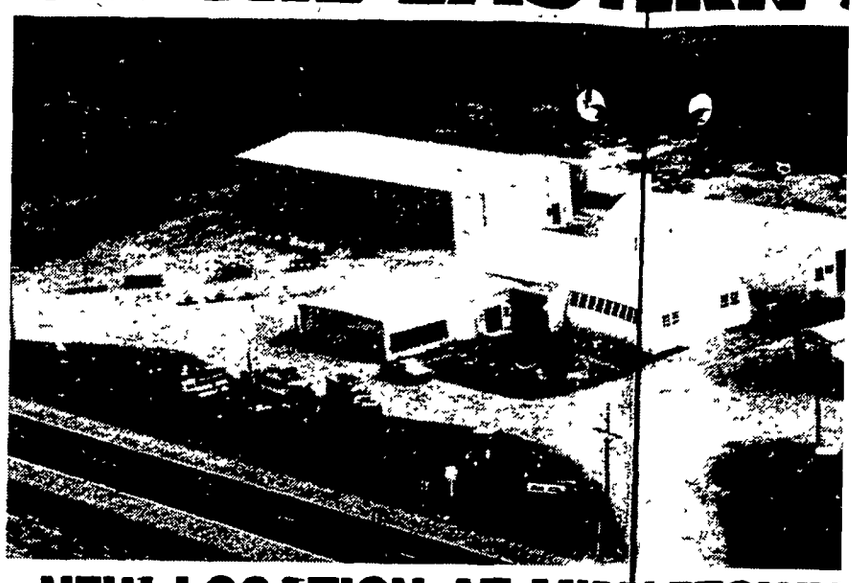
ON THE EASTERN

We have purchased White Bros. Supply Co., Middletown, DE and can now sell and service IH tractors, combines, and equipment effective November 1, 1982



NEW LOCATION AT MIDDLETOWN

Formerly

White Bros. Supply

IH 50 SERIES TRACTORS

Priced So You Cannot Afford to Wait...

Call Us For Price

TRY THE LEADER

USED EQUIPMENT

COMBINES

7897 IH 1460 Combine
7935 IH 1460 Combine
7495 IH 1440 Combine w/28Lx26 10P
7138 IH 915D Combine Hydro, Htr, A/C
6126 503C Combine w/Cornhead & Platform
7104 IH 815D Combine w/763 Crnhd & 13' Pltfm
7244 IH 815D Combine Hydro, 23.1x26 8PG
7608 IH 815D Combine Hydro w/743 Crnhd 13" Pltfm
7142 IH 715D Combine Hydro, A/C
7818 IH 715D Hydro Combine 18.4x26 Tires
7803 IH 615G Hydro Combine w/724 Cornhead, 13' Platform
7757 JD 6600 Combine - Gear
7737 JD 6600 Combine - Gear
7904 JD E4400G Combine w/13' Platform
7222 MF 510 Combine Hydro
5373 MF 300 Combine
7158 AC Gleaner F Combine
7438 IH 863 Cornhead
7436 IH 863 Cornhead
6474 IH 844 Cornhead 38"
7141 IH 843 Cornhead
9493 IH 744 Cornhead
5817 IH 744 Cornhead
4147 IH 4R Cornhead
4221 NH 4R Cornhead
3641 Gleaner GKS 44 4R Cornhead
5909 AC Gleaner A 438 4R Wide Cornhead
7719 AC Gleaner A438 Cornhead
5799 IH 810 15' Flex Platform
4639 IH 810 15' Flex Cutterbar
7789 IH 810 13' Grainhead w/Auto Hdr Control
4638 IH 810 Grainhead 13'
4260 IH 13' Grainhead
5152 MF 14' Grain Platform

TRACTORS

7951 IH F1086D w/Cab
6432 IH 1586D w/Cab & Air
7302 IH 1486D w/Duals, Cab, A/C
7678 IH 1466D w/Cab 20.8x38
7372 IH 1466 w/Cab 20.8x38 F
7573 IH 1466 24.5x32
7379 IH 1456 w/Cab
7864 IH F1066D
7569 IH 1066 w/18.4x38 8P
7721 IH 966D w/YAR Cab 18.4x34
7865 IH 806
7606 IH F706D Narrow Ft 16.9x34
7797 IH 656G Hydro w/2000 Ldr.
7844 IH Farmall 450D w/pulley,
7824 IH 424G
7846 IH 424G
7835 IH 500G Crawler Loader
7825 IH Farmall H w/pulley
7870 IH Farmall H w/pulley
7500 IH Farmall H 13.6x38
7059 IH Farmall M w/IH 2M 2 Row Cornpicker
7449 Ford 335 w/Loader (Industrial)
7861 MF 1805 4WD 18.4x38 Duals
7131 MF 1085 w/Duals, Ldr.
7183 Steiger Cougar III ST-251 w/20.8x34
7718 JD 2010 G w/12.4x36
7305 White 2-155 w/Cab & Air
7373 JD 8630 w/18.4x38 Duals
7722 IH 3300 B Skid Loader
7821 4120 Skid Loader

OUR FAC

#7803 IH 615 Ga Cornhead

#7158 Allis Chal A-330 Cornhead

OTHER EQUIPMENT

3288 IH 400 Planter 8R Cyclo
7607 IH 400 Planter 6R
6654 IH 400 Planter 4R Cyclo
6475 IH 400 Planter 4RW Cyclo
7623 IH 56 Planter 4R
7720 AC 600 Planter 6R No-till
7576 Deere 1240 Planter 4R
7567 IH 510 21x7 Comb Drill
7862 IH 510 18x7 Comb Drill
7910 IH 510 16x7 Comb Drill
7554 MF 43 22x7 Drill x. Grass Seed
7369 Bean B6-30MT-1000 Sprayer
6590 Kuker TOP 200 Saddle Tank
6928 Century 300 Gal. Saddle Tank
7555 Deere 150 Gal. 3 Pt. Sprayer w/Boom
7274 FMC Bean D020P300S
7321 Brady Flail Chopper
7856 Bush Hog 105 5' 3 Pt. Rotary Mower
7615 Brillion SSH-144-09 12' Rotary Cutter
7815 Woods 121 10' Twin Blade Mower
7826 NH 120 7' Cutterbar Mower
7752 NH 27 Blower

TILLAGE

7184 Krause 2413 Disk, 23'
7049 Krause 2413 Disk w/3 Bar Tine Harrow
7692 Krause 2204 Disk, 12'
7691 Krause 1924 Disk, 21'
7550 Krause 1588 Disk, 18'
7932 Krause 1587 Disk, 16'
7551 Krause 2224 Disk, 12'
7589 IH 475 Disk 13'
4544 Deere 330 Disk, 23'
7879 Deere 310 Disk 12'
6332 Deere 310 Disk 12'6"
7525 Deere AW 12' Disk
6972 Deere 12' Offset Disk
7561 Deere KBA Disk 12'
7662 Miller Disk 10' Hyd. Leveling
7751 Miller Disk 12'
7880 Bush Hog 24' Disk
7620 Hutch Master Rolling Plow Offset Disk
5584 Sunflower Disk 29'
6033 AC Disk 24'
7413 Oliver 252 Disk 10½'
7562 IH 800 10F Plow 18" Trailing
7504 IH 45 17 Shank 8½' Mounted Vibra Shank
6255 Cultivator for Farmall Cub
6982 IH 710 6F 18" OnLand Plow
6373 IH 700 5F 16" Plow
7913 IH 550 Plow 5x16
6470 IH 540 4F Plow
7543 IH 531 3 pt. 3F 16" Plow
7688 Ford 4F 16" 3 pt. Plow 3F
7847 IH 209A 2F 14" 3 pt. Plow
7747 McCormick 2F Disk Plow
6493 Glencoe 11 Shank 13'6" Chisel Plow
7537 Binkley 2111 Digger Disk 11 Shank Chisel

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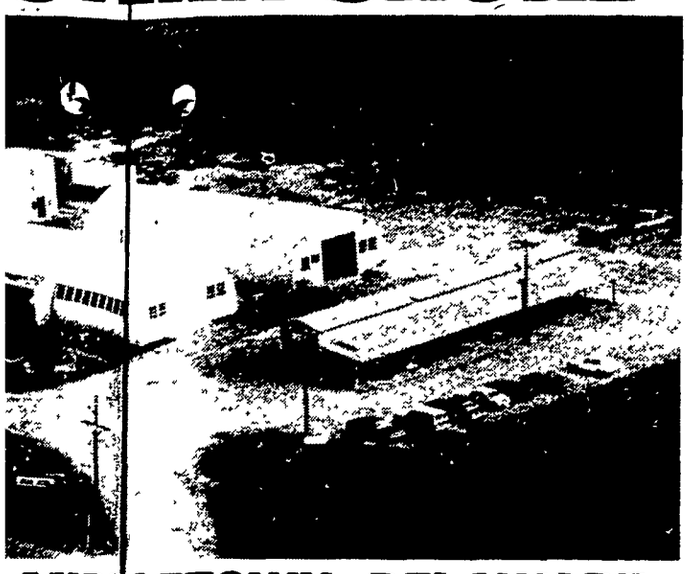
RE NOW

FARM EQUIPMENT

STERN SHORE"



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os. Supply Co.

We welcome you to come to us for your equipment needs and service support on the northern Eastern Shore.

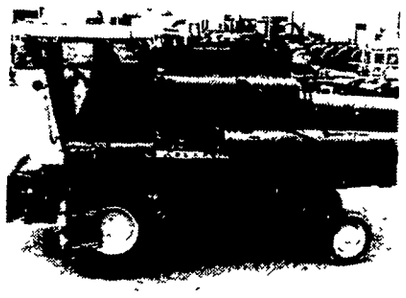
A COMBINE BOUGHT FROM HOOBERS' IS BACKED BY EXPERIENCED PARTS AND SERVICE PEOPLE WHO CARE

OUR MECHANICS ARE FACTORY TRAINED

WE STOCK COMBINE PARTS

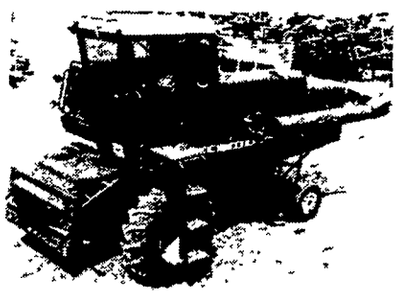
USED COMBINES

#7803 IH 615 Gas, Hydro, 724 Cornhead



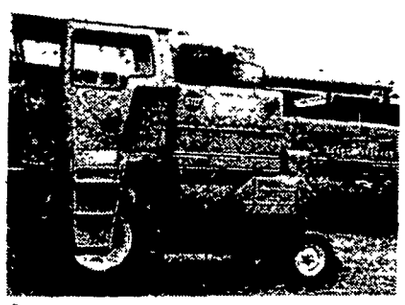
#7757 JD 6600 Diesel

#7495 IH 1440 Diesel, Hydro

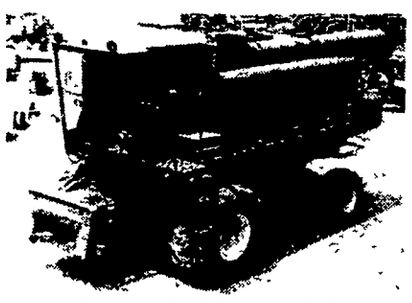


#7904 JD 4400 Gas, 1991 Hrs.

#7158 Allis Chalmers Gleaner F, Gas, A-330 Cornhead



#7222 MF 510 Diesel, Hydro



#7935 IH 1460 Combine Diesel Hydro, 6700x34x30 and 18.4x16.1 Tires

#5928 IH 815 Diesel, 1111 Hrs.

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★ NEW EQUIPMENT SPECIALS ★

1 - Gehl CB750 harvester with SOLD ads & hay pickup available $7500
1 - Gehl SH600 snapper head $5000
1 - Gehl HL 360 (16 hp) skid steer loader $7000
1 - Gehl HL 2600 (26 hp) skid steer loader, DEMO $6300
1 - Knight 252 manure spreader $5300
1 - Case 308 semi-mt. 3-16" btm. plow $3200
1 - Case 308 semi-mt. 4-18" btm. plow $4000

Vicon

NEW VICON SPECIALS

• Prices Good Only Til Nov. 10, 1982

SPREADERS

PS 302 (600 lb.)	List $790	SALE $650
PS 402 (950 lb.)	List $1150	SALE $930
PS 602 (1400 lb.)	List $1335	SALE $1078
PS 802 (1900 lb.)	List $1455	SALE $1253
PS 1002 (2400 lb.)	List $1695	SALE $1400

FINGER WHEEL RAKES

HKX 600 (4 wheel)	List $880	SALE $800
H820 (5 Wheel)	List $1275	SALE $1100
H1240 (8 Wheel V-Rake)	List $2200	SALE $1830

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa.
Phone 717-263-8424

WHITE FARM EQUIPMENT | WOODS Division of Hesston Corporation | SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 1750
Oliver 1755
Long 350

HAYTOOLS
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 68 Baler
Oliver 620 Baler w/Thrower
NH 461 Haybine
NH 469 Haybine
Gehl 880 Mower Conditioner
NH 55 Rake

FORAGE TOOLS
NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
IHC 16 w/1-Row & Pickup
Kools KB 60 Blower
JD 15A Crop Chopper
IHC 8 Crop Chopper
NH 36 Crop Chopper
NH No. 8 Forage Box w/Roof

SPREADERS
NI 212 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH
NH 790 Spreader

TILLAGE - PLANTING
White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14' Transport Harrow
IHC 550 5-16 Plow

CORNPICKERS
IHC 2 MH Cornpicker

SKID LOADERS
Bobcat 310

COMPACT TRACTORS
Kubota B6000 E w/Woods RM 59 Mower

NEW EQUIPMENT IN STOCK

WHITE 2-30 2-Wheel Drive
WHITE 2-45, 2 & 4 Wheel Drive
WHITE 2-62, 2 & 4 Wheel Drive
WHITE 2-70 Tractor
WHITE 2-85 Tractor
WHITE 2-105 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 & 90 Bale Movers
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 & 800 Spreaders
NH 367, 363 & 303 Tank Spreaders
NH TR75 Combine
KUBOTA - All Sizes In Stock
CAGLE Sprayer
BOBCAT 530, 642 & 743
TYE No Till Drill
GLENCOE 7' Soil Saver

KUBOTA® | bobcat

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Located 14 Miles South of Port Royal on Rt. 75

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Erb & Henry's **value harvest**

★ FAHR HAY TEDDERS ★

NEW RHINO 131 12' 11" FLEXIBLE DISK HARROW
24" smooth blades ¼" thick, 9½" spacing, new dual tires & tubes, furrow filler & set up, list $8257 ..... SALE $ 7,000

LITTLE GIANT ELEVATOR
42' w/PTO drive ..... SALE $ 2,550

FIDELITY 35 KW ALTERNATOR
with trailer and PTO, list $4295 ..... SALE $ 3,550

UEBLER 790 ELECTRIC FORAGE FEEDER
with batteries, list $3860 ..... SALE $ 3,300

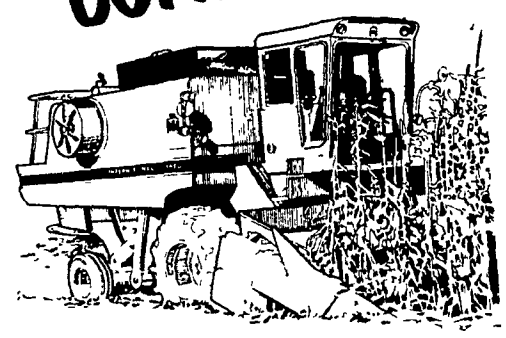
VICON 620 HAY RAKE
4 Wheel, 3 Pt , list $1100 ..... Was $900 SALE $ 650

VICON H820 HAY RAKE
5 Wheel, 3 Pt list $1375 ..... Was $1,000 SALE $ 850

STARLINE 930 ROTO-SPREADER ..... Old, Old Price

• John Blue Sprayers In Stock!
• Farm Bilt Bale Wagons In Stock!
• Athens Model 76 Double Offset 11'8 In Stock!

COMBINES!



★ New IH 1460 Axial Flow Combine In Stock!
★ IH 1420 Combine - In Stock
★ 963, 944, 943 Heads In Stock!
★ 820 15' Floating Cutter Bars!
★ 810 15' Cutter Bar (Old Price!)

• We Specialize In IH Combine Parts and Service

A$K ABOUT IH RED EDGE
"PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS

Best Cash Prices Ever On All Equipment

INTERNATIONAL® AGRICULTURAL EQUIPMENT

Ask About
Cash Rebates
On Loaders, Tillage, Hay & Other Equipment

IH 1250 GRINDER MIXER ..... Old Price
IH 1350 GRINDER MIXER ..... Old Price

DEMO IH 501 DISK HARROW - 12'5"
26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd. cyl. hoses & fittings, set up, list $8031 ..... Was $6,225 SALE $ 5,925

IH 315 20' PACKER MULCHER HYD. FOLDING
Hyd. transport cyl., front scrapers, leveling bar, A&H, list $9312 ..... Was $7,900 SALE $ 7,500

IH 415 PACKER MULCHER,
10'2 ..... Old Price

IH 482 CUB CADET 11 HP
4 Speed, single cyl., Briggs & Stratton, hand lift, 38" mower FREE ..... SALE $ 2,495

IH 786 Diesel
w/o ROPS, 18x4x34 Tires ..... SALE $19,800

IH 2250 & 2450 Loaders ..... Available At Old Price
IH 4130 Gas Skid Loader, Demo. ..... Call For Price!

NEW! **New IH 496 CUSHION GANG FLEX WING DISC HARROW w/EARTH METAL DISCS** NEW!
• 22 FT. DEMO IN STOCK - ONE ONLY - CALL FOR PRICE
• 19 Ft. 1 In. Also In Stock!

• IH 3 pt. 181 Rotary Hoe In Stock!
• IH 4 & 6 Row 183 Cultivators In Stock!

NEW IH 600 BLOWER — IN STOCK, READY FOR DELIVERY

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
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HARVEST SPECIALS

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

FORAGE

SNH #892 Forage Harvester w/#822 corn head and 880W windrow pickup. $12,500
SNH #718 Forage Harvester w/#822 corn head $8,000
SNH #25 Blower $1,600

HAY

SNH #451 Mower w/7' Cutter Bar $1,860
SNH #472 Haybine $5,875
MF #124 Baler $5,000
SNH #80 Bale Handler 375

SPREADERS

SNH 679 Spreader w/splash guard, fine manure pan and hyd. end gate $4,700
SNH 791 Spreader w/splash guard, hyd. end gate and fine manure pan $7,500
SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters $10,500

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

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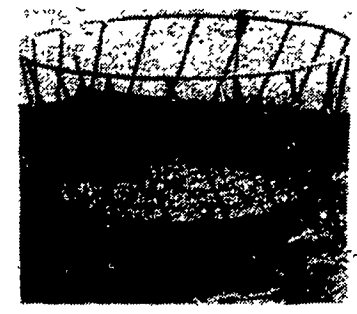

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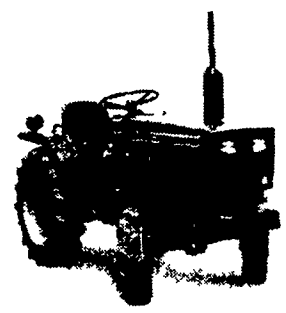

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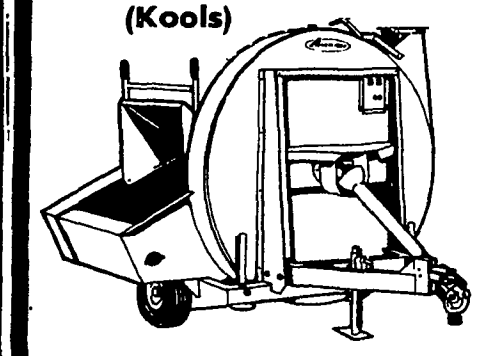
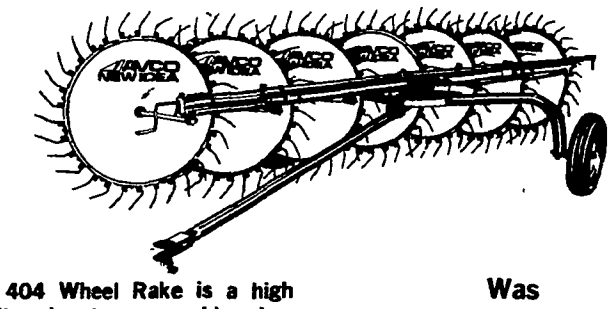
NEW IDEA MODEL 621 FORAGE BLOWER (Kools)



New Idea's 621 Forage Blower is a rugged, high capacity model for better performance than ever before. It features a husky 57" fan for medium to large operations. Comes with a standard adjustable tongue that makes tractor hook-up fast and simple...

FALL SPECIAL $1,700

NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

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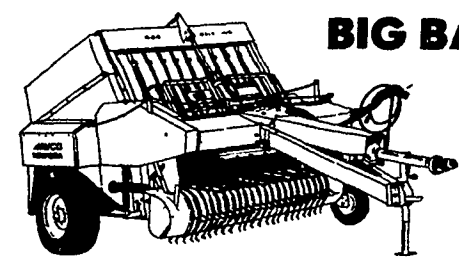

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1855 - Cab - 1700 Hrs. $9800
1650 - Nice $4950

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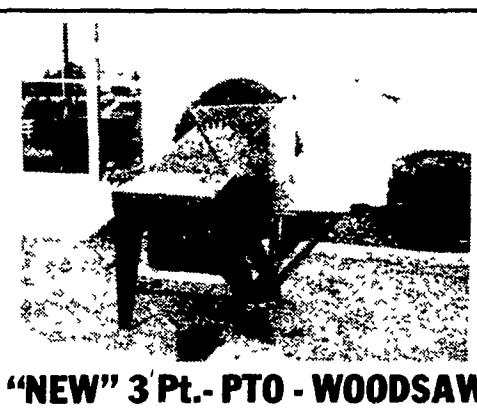

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MF 63-43-33-321
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Case 4x30-3x30
NI UNI - 3x30
WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
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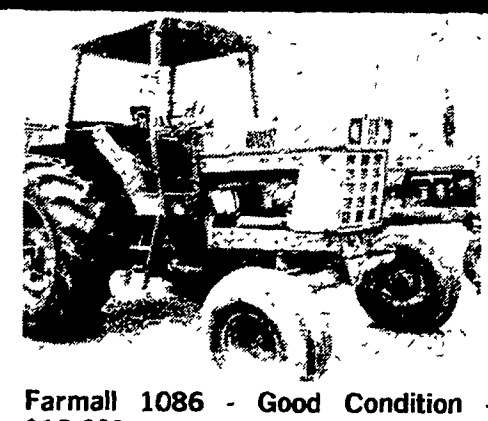
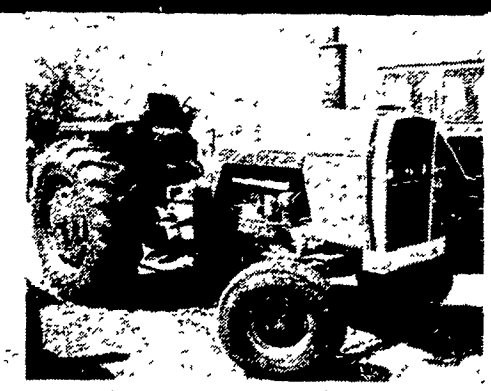
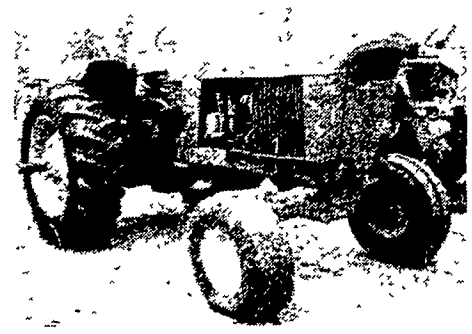


Farmall 1086 - Good Condition - $12,200

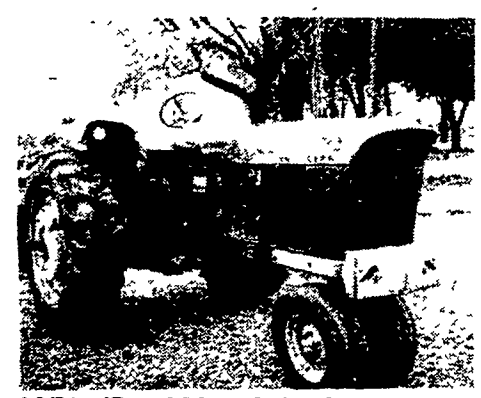


1973 MF 1105 on 38" Rubber - Only $8000

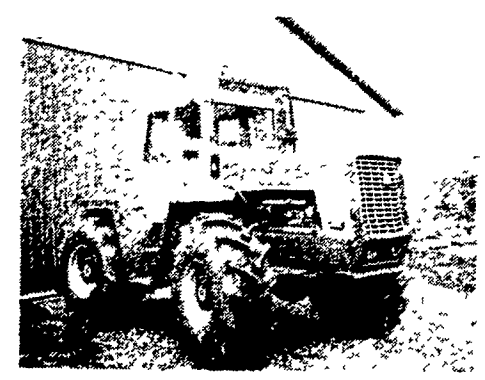
JD 4320 - Nice Tractors - Choice of Two - $11,100 & $12,100



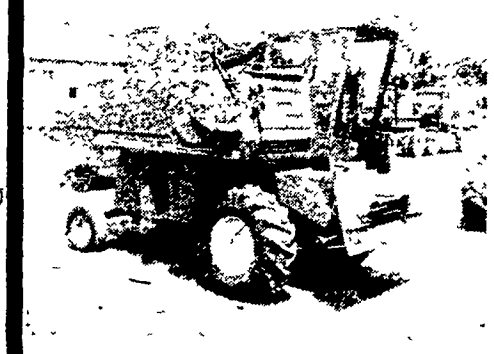
1969 JD 4520 Side Console Nice $8500



1971 JD 4020 - Side Console Nice Tractor - $8900



1973 IH 4166 - Cab - Air - 3 pt. PTO - Low Hours - $11,950



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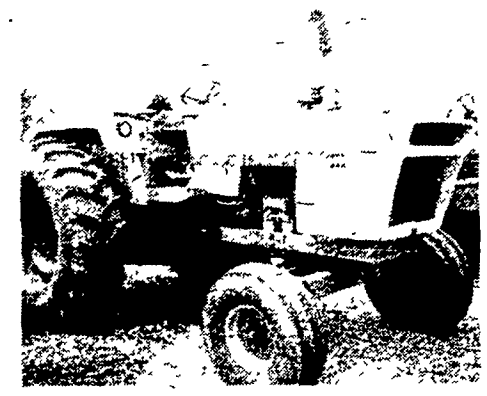

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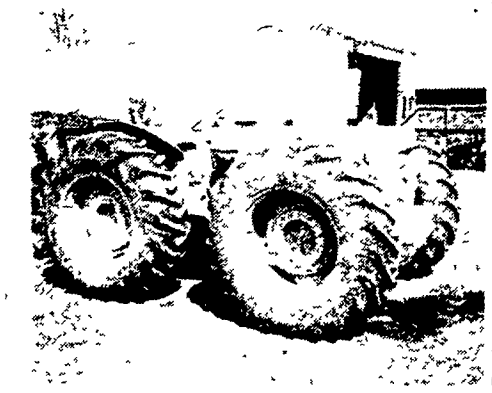

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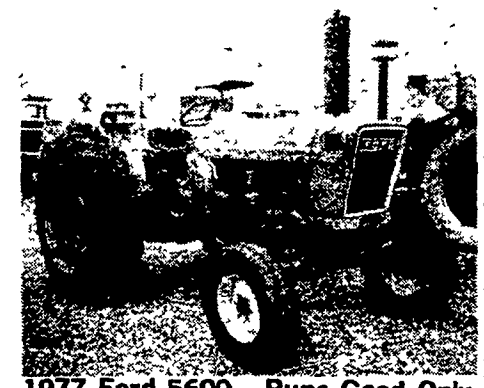

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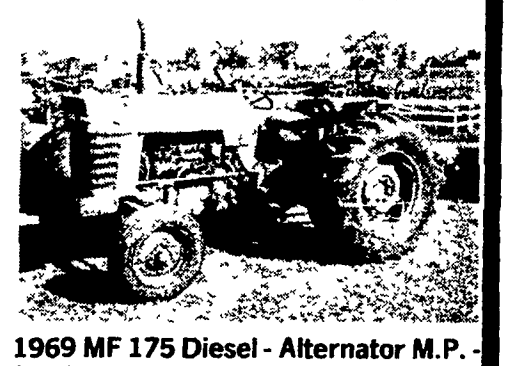
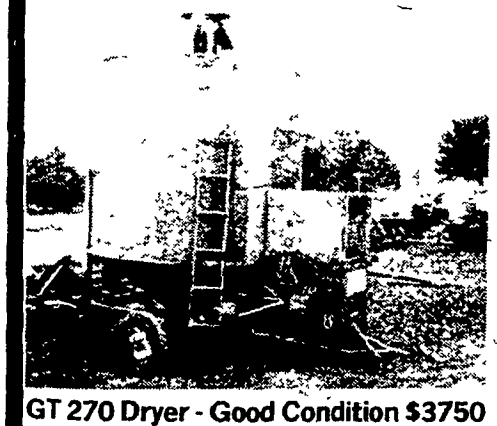


1969 MF 175 Diesel - Alternator M.P. - $5800



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JD 4020 Tractor P.S. W.F.
JD 4020 Tractor WF
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JD 3020 Tractor WF
JD 2640 Tractor w/145 Loader
JD 850 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD 60 Tractor
JD 60 Tractor
JD A Tractor
Farmall M Tractor
Farmall H Tractor
IHC M Tractor
IHC Super M Tractor
Ford 1841 Tractor w/loader
JD 170 Skid Steer Loader
JD 1209 Mower Conditioner
JD 336 Baler w/ejector
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 1240 4R Plateless Corn Planter
JD 1440 No Till Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD 8250 14x7 Grain Drill
JD FB Grain Drill
JD 8350 18x7 Grain Drill
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7720 Combine w/643 Corn Head & Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
JD 6600 Combine w/15' Platform
Gleaner A Combine
JD 709 Rotary Mower
JD 110 Chuck Wagon
JD 115 Chuck Wagon
JD 125 Chuck Wagon
NI 279 Cut/ditioner
JD 2800 6B Plow
JD F145 4B 16" Plow
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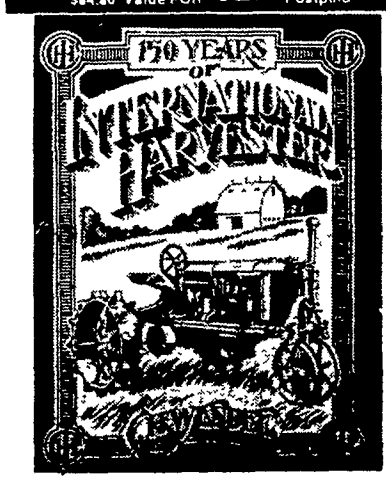

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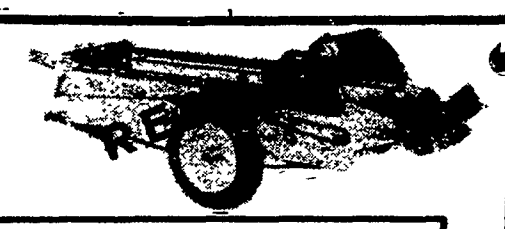


TRACTORS
JD 430
IH 424G
'79 Case 1210 p.s.
Ford 4000
AC 7080 Cab-Air-Heat
Case 1070 18.4x38 (New) Power Shift
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat-8 5 Spd. 20.8x38 (New)
Case 900 w/Pulley
AC WD45
Case 9901 Loader

USED EQUIPMENT

LOADERS
1530 Uni Loader
Uni Loader Broom
Mustang 330
1845 G

UNI-SYSTEM
701 Power Unit
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head

MISCELLANEOUS
Ford 101 Plow
NH Lime Drill
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
#BF 130 Gehl Blender/Mixer
MF 880 6, 7Btm, plow
Wetmore 878 Grinder Mixer
JD 480 Mower Conditioner
Case 555 Mower Conditioner

FORAGE
JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
Gehl 910 Forage Box
JD 3800 Harvester
NH 27 Blower
Hesston Blower
JD 115 Forage Box
IH 110 Forage Box

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case NEW IDEA GEHL Gets into your system BUSH-HOG

M & R EQUIPMENT, INC.

NEW PARK, PA

United Parcel Servic

Ph: 717-993-2511 - 717-246-1972
(After 6 P.M. Call: 301-452-8693) Residence

PACE

SPERRY NEW HOLLAND

INTERNATIONAL HARVESTER
CALL US ABOUT THE MOST ATTRACTIVE FINANCING AVAILABLE — NOW THROUGH IH WAIVER OF FINANCE ALSO AVAILABLE ON ALL IH EQUIPMENT!

NEW HOLLAND
FREE FINANCE ON FORAGE UNTIL 9-1-83!
5% 24 MONTH FINANCING AVAILABLE ON ALL SNH EQUIPMENT
* Free Finance on grinder mixers, skid loaders and all manure spreaders until 4-1-83

NEW EQUIPMENT IN STOCK

IH
3088
3688 tractor
5088 tractor
1420 combine
14 SOLD ibine
800 air planter
810 header
820 header
94 SOLD head
IH 730 plow vary SOLD 4 btm.
720 plow 5x20" - auto. reset
5100 drill 16x7 plain, 21x7, w/depth press wheels
13' 5500 chisels
1300 mower
1190 mower-cond.
2 - IH #15 throwers
475 wing disc, 18'7"
435 baler
550 spreader
2250 loaders
183 4-R cultivator

NEW HOLLAND
311 balers (2)
31! SOLD
#70 & 75 throwers
489 haybines
851 round balers
425 skid loader
L-3! SOLD oader
718 chopper
782 SOLD r
822 corn head - $2500
892 chopper
#8 crop carrier
OD 100 offset disc-12'
451 mower
513 spreader
363 spreader
519 spreader
791 spreader
474 haybine

WE RENT SKID LOADERS

JUST TRADED
IH 1440 Combine, Excell. Cond.
844 corn head, auto header control, air cond.
Waiver of finance available

TILLAGE SPECIAL
IH 720 AUTOMATIC RESET PLOW
5x20" Btm. with Colters $6750

USED SPECIAL
IH 856 FARMALL DIESEL,
3 pt., wide front,
new clutch year-a-round cab/heater,
good rubber.
IH #8 PLOW CHOPPER completely reconditioned $1675

SPECIAL
NH 892 FORAGE HARVESTER
w/2 row head,
all electric controls, fully equipped
Free finance until 9-1-83
$12,700!!

"THINKING COMBINE?? REMEMBER - IH AXIAL FLOW HAS WON MORE ENGINEERING AWARDS THAN ANY OTHER COMBINE. AXIAL - FLOW CAN PAY IT'S WAY WITH LESS FIELD LOSS, MORE GRAIN IN THE BIN PLUS THE GREATEST HEADERS IN THE INDUSTRY! WE HAVE A 1420 IN STOCK" THE 1420 IS A REASONABLY PRICED, 4 ROW ROTARY MACHINE. BUY THE "HOT" COMBINE FOR LESS MONEY THAN ITS COMPETITORS. OUR COMBINES, ARE BACKED BY OUR OUTSTANDING SERVICE DEPARTMENT.

USED EQUIPMENT

IH 3388 2+2 low hrs.
JD 2010 Industrial tractor w/back hoe and loader SOLD
IH 2400 Ind. tractor diesel, 6-way hyd. blade, log splitter
Farmall Super C
JD 2510 g SOLD overhauled
JD 2510 Diesel tractor, new engine
JD 2040D t SOLD h loader
John Blue - truck mtd dry fertilizer spreader. Excellent Cond. 8 ton
IH 303 Combine, both heads, cab, very good shape
NH 10 ft. trailing fert. spreader, very good cond.
NI 224 Manure Spreader, hyd endgate w/cyl
NH #36 Flail SOLD very good
IH 990 Mower Conditioner 9' good, double rubber rolls
IH 1150 grind SOLD
IH 440 baler w/thrower, nice, hyd. bale tension
John Deere #50 tractor w/mtd. picker, power steering
IH 241 rower SOLD ell cond
IH 449 4R planter - nice
MF 4R planter - 50 acres $1500
JD FBB grain drill - 13x7 SOLD
IH 550 plow 5x16 (2)
IH 51 forage box w/roof; heavy gear
IH #70 pull type plow 3x16", nice
1250 hydrostatic Cub Cadet
NH 1002 SOLD on
IH 46 baler with thrower
IH 555 fo SOLD ester, very good
JD 660 h SOLD ery good
Oliver 76 grain drill $600, as is
NH 718 fo SOLD ester, used 1 season, like new
1 440 IH combine w/4 row head excell. cond.
IH #8 Flail Chopper, new knives
IH 550 Forage harvester, cheap

USED TRACTORS

JD 730 Gas
JD 3010 Gas
JD 4010 Diesel
JD 4040 Diesel
JD 4430 Diesel
Allis Chalmers G w/cult.
MM335 w/Loader

USED TRACTORS WAIVERED TO MAR. 1, 1983

USED EQUIPMENT

JD 6620 Sidehill Combine
JD 336 Baler w/Ejector
JD 24T Baler
Hesston 1502 Tank Spreader
Gehl Grinder Mixer
Tye No-Till Drill, 10 Ft., Like New
JD 6-Bottom Plow, 16"
NI 319 2-Row Cornpicker

JOHN DEERE

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NEW TRACTORS

IH 584
IH 5088
IH 3288

USED EQUIPMENT

IH 886 tractor, low hours
IH 686 tractor, low hours
IH 1586 tractor, low hours
IH 806 diesel tractor
Farmall 300, $1,500
2 Farmall M $1,500
IH 574 diesel tractor $8,000.
Farmall 460 gas, $3000
Oliver 1650 tractor $4,800
AC WD $1,000
AC gleaner combine model CII 14' grain & 4 row corn head $6000
Oliver combine $700
IH 311 fast hitch plow $350
Oliver 3 furrow plow $400
IH 76 combine $500
IH 455 4 row corn planter $2500
IH 56 corn planter, 4 row $2000
NH 469 haybine $1900
IH 400 Cyclo planter, 4 row, no-till $4200
IH 234 corn picker $2200
JD 18 corn picker $750
IH 125 combine, $400
2- IH 990 mower conditioner, $1500
IH 234 sheller attachment $1325
NH 3 pt. hitch mower $800
Brillion 9' cultipacker $275
JD 12A combine $600
Hawk Bilt manure spreader $650
NH forage harvester $1275
IH 540 plow $1100
1 set of IH 531 plow $450
Oliver 3 furrow plow $300
AC baler $400
IH 370 disc $1800

DOMBACH EQUIPMENT
McAlisterville, Pa. 717-463-2191

Sweigard Brothers

RD #3
Halifax, PA 17032
717-896-3414

FORD TRACTORS
New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600

NEW HOLLAND
New TR70 Combine w/ cab, air, heater, w/ cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
Used 13' NH grain head w/hume reel
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L55 diesel, L775 diesel skid loaders
Used 469 NH haybine
Used 479 NH haybine

NEW IDEA
New 456 large round baler $7500
New 299 9'3" mow ditioner $4000
NI 404 and 406 rakes
NI 323 one row corn pickers

Used IH 550 harvester w/pickup head and 2 row corn head

USED FARM EQUIPMENT

JD 4430 Tractor
JD L Tractor w/plow & cultivators
Farmall Cub w/60" Woods rotary cuttery
JD 1450 4x16 semi-mtd. plow
JD 1450 5x16 semi-mtd. plow
MM 32 blade transport disk harrow
Brillion 12' transport spring tooth harrow
IH 440 baler w/thrower, excell. $1895
JD 346 baler w/ejector, Excell. cond.
JD 39 3 pt. sickle bar mower
NI 30' elevator
NH 479 haybine
JD 38 harvester w/2 row N. head & hay pickup
MF 110 PTO manure spreader
AC 4 row no till planter
White 5400 6 row N. no-till planter
JD FBB 17x7 grain drill
JD FB 13x7 grain drill
IH 13x7 grain drill
Brillion 11 ft. cultipacker
JD 506 3 pt. 5' rotary cutter
JD 534 9' bulldozer blade
JD 444 corn head
JD 6600 sidehill combine w/13 ft. grain head & 4 RW corn head $37,995
Midwest round bale unwinder 3 pt. hitch $595.00.

NEW FARM EQUIPMENT SPECIALS

	L.P.	S.P.
JD 4440 Tractor		Call For
JD 2440 Tractor		Special Sale
JD 1050 Tractor		Price
JD 90 Skid Steer loader	10,633.00	8495.00
JD 125G Skid Steer loader	16,634	14,300
JD 115 disc harrow 10'	4533.00	3495.00
7 ft. Hay Pickup	3377.00	2995.00
JD 534 Bull Dozer Blade 9'	3149.00	2395.00
JD 8300 18x7 grain drill	5221.00	4695.00

NEUHAUS'ES INC.
John Deere Sales & Service
RD2, York, PA 17403
Phone - 717-428-1953

Massey Ferguson

USED EQUIPMENT
MF 510 Diesel Combine w/MF 44 Cornhead
MF 750 Diesel Combine w/Cornhead & Grainhead
Farmall Super C
MF 1105 Tractor
MF 33 Drill, Like New
NI 323 Picker
NI 214 Spreader
King Wyse Elevator
NH Elevator

NEW EQUIPMENT
MF 205 Tractor
MF 245 Tractor
MF 275 Tractor
MF 285 Tractor
MF 294 Tractor
MF 1010 Tractor
MF 30B Tractor Loader
MF 2675 Tractor
MF 33 Grain Drills
MF 345 Plow
MF 620 Disk
NI 177 Elevator
NI Manure Spreaders
MF 226 Blade

November Special
NI 323 1-Row Super Picker
List $8400
Cash - No Trade **$5500**

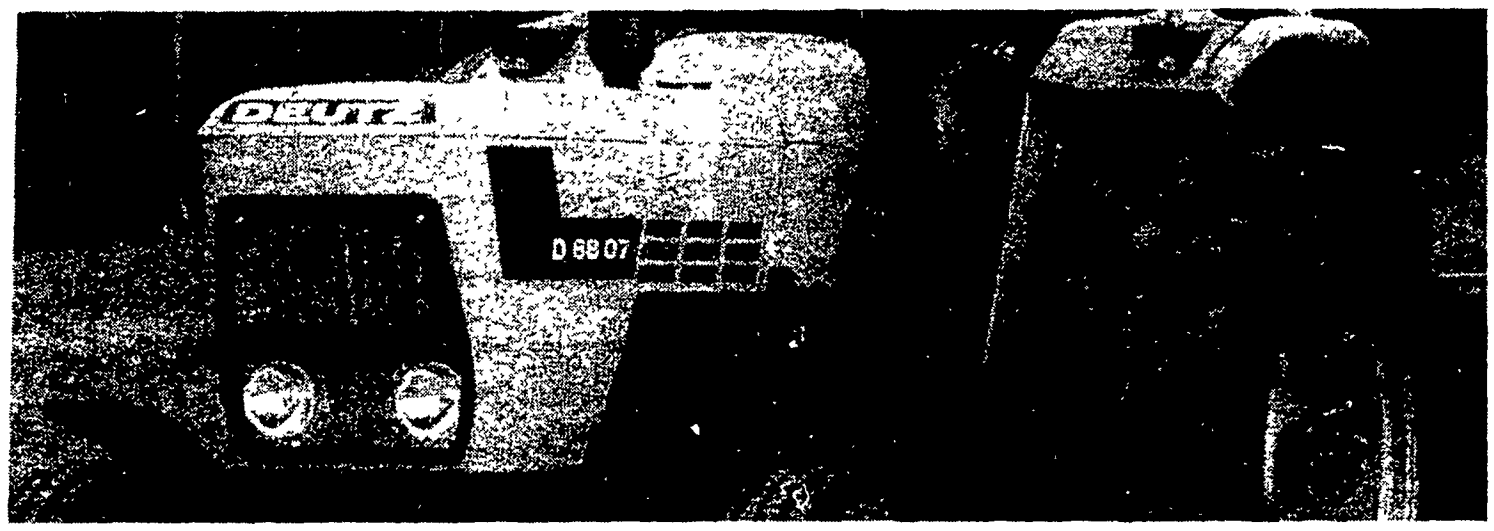
N.H. FLICKER & SONS, INC.
Box 68
Maxatawny, PA 19538
215-683-7252

DEUTZ FEATURE TRACTOR OF THE MONTH

Compare It - Try It - Priced Competitively

DEUTZ® D6807, 68 H.P., HEAVY DUTY UTILITY TRACTOR DEUTZ®

- Read the results of official test below. (partial listing)
- Fuel savings are even more dramatic when compared under cyclic and intermittent loads.
- Substitutes for a small tractor also.



Tractors of 65 to 75 hp

	IH 784	IH 686	MASSEY 275	DEUTZ D6806/07	DEERE 2640	CASE 1490	FORD 6600/6700
Maximum pto hp (at rated rpm).	65 47	66 36	67 43	**68.18**	70 37	70 51	70 56
Nebraska Tractor Test Number	1315	1336	1193	**1220**	1157	1381	1217
Under conditions typical of daily farm usage (pto, average of varying loads)							
Fuel consumption (gal per hr)*	2 852	2 760	2 923	**2.464**	3 433	2 783	3 018
Horsepower-hours per gallon*	12 39	13 16	12 51	**14.73**	10 89	13 62	12 86
Annual fuel consumption (750 hrs)	2139	2070	2192	**1848**	2575	2087	2264
Fuel cost* per hour	$ 3 48	$ 3 37	$ 3 57	**$ 3.01**	$ 4 19	$ 3 40	$ 3 68
Fuel cost* per year **	$2610	$2525	$2675	**$2255**	$3141	$2546	$2761
DEUTZ SAVINGS* PER HOUR:	**$ .47**	**$ .36**	**$ .56**	—	**$ 1.18**	**$ .39**	**$ .67**
DEUTZ SAVINGS* PER YEAR:**	**$ 355**	**$ 270**	**$ 420**	—	**$ 886**	**$ 291**	**$ 506**
Under conditions typical of in field work (75% maximum drbr hp 10 hr test)							
Maximum tested drawbar pull (lbs)	8105	8043	7292	**9095**	6470	8340	7131
Fuel consumption (gal per hr)	3 617	3 586	3 631	**3.132**	4 207	3 708	3 839
Horsepower-hours per gallon	12 77	13 27	13 22	**15.05**	10 98	13 00	12 71
DEUTZ SAVINGS* PER HOUR:	**$ .59**	**$ .55**	**$ .61**	—	**$ 1.31**	**$ .70**	**$ .86**

*Based on $1 22 per gallon USDA reported average price for farm diesel fuel Feb 15 1981 **Annual figures based on 750 hours per year

TERMS
(Until Nov. 26, 1982)

- Rebates from $1700-$6000.
- 10% (A.P.R.) Financing.

— or —

- Interest Waiver to 6/1/83.
- Special used tractor financing terms.

- Driveline 91% efficient, better than all competitors tested.
- Standard transmission: synchromesh, 12/4 speeds, column shift.
- Final drive is double bullgears for long service life.
- Steering: Fully hydrostatic for easy loader mounting.
- Short wheel base: 85.5 in.
- Cat. II 3 pt. lift. Strongest in its class: lifts 5730 lbs. at hitch point.
- 4 WD also available.

See More Of This Tractor At The Following Dealers

STAUFFER DIESEL INC.
312 W. Main St.
New Holland, PA 17557
(717) 354-4181

DILTS FARM EQUIPMENT
RD #2
Marion Center, PA 15759
(412) 286-9606

LONGENECKER FARM SUPPLY
Rheems, PA 17570
(717)367-3590

REICHS FORD-TRUCK & TRACTOR
8016 Reichs Ford Road
Frederick, MD 21701
(301) 662-7622

HOOBER EQUIPMENT CO.
Rt. 301 & 300
Sudlersville, MD 21668
(301) 758-1212

IVAN J. ZOOK FARM EQUIP.
Box 5 Star Route
Belleville, PA 17004
(717) 935-2948

J & M MACHINERY CO.
Rt. 22 & 819
Greensburg, PA 15601
(412) 668-2276

FARM EQUIPMENT

Ford Tractors Equipment

SPERRY NEW HOLLAND

TRACTORS
Ford 7000
Ford 3400 w/Backhoe
Ford 1200 w/Loader
Ford 1100 repossessed 4WD w/loader
Ford 960 Tricycle
Ford 535 Tractor/Loader/Backhoe
(2) Ford 9N
Ford 8N
Case DC
Case 680 C Tractor/Loader
Ferguson 20
Massey Harris 44
JD 2510

EQUIPMENT
Crown Rock Picker, hydraulic drive
NH 717 Harvester, 1 or 2 row head
NH 616 Harvester
NH 770 Harvester, elect. controls
NH #23 Blower
Ford QT 772 Loader
NH 479 Haybine
NH 469 Haybine
NH 78 Baler w/thrower
JD 1209 Mower Cond.
NI Wheel Rake
New Claas Combine w/4 Row Corn Head & 15' grain head
NH 516 sgl. btr. spreader
JD spreader
IH 155 spreader
IH 175 spreader
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA 18252
Phone: 717-386-5945

FARM EQUIPMENT

AC 7045 Tractor
AC 7000 Tractor
AC 5040 Tractor
AC 185 Tractor
AC 170 Gas Tractor
NI 744 N Corn Head
AC F440 Corn Head
Amco F17 10½' Disc Harrow, like new
NI 213 Manure Spreader

ROY H. BUCH INC.
Ephrata
717-859-2441

FARM EQUIPMENT

NH 770 FORAGE HARVESTER WITH 2 ROW CORN HEAD AND HAY PICKUP, ALSO HIGH MOISTURE CORN ATTACHMENT.
SHOVER'S
Loysville, Pa.
717-789-3117

Badger · John Deere · Hesston Farm Equipment

USED EQUIPMENT

TRACTORS
JD 2510 Gas
MF 65 Gas
David Brown 990 Diesel
JD 1010 Crawler w/Blade
IH 340 New Tires & Paint
JD 1020 Diesel
Oliver 1550 Diesel
Ford 8N
Oliver 70
JD 70 Skid Loader

FORAGE EQUIPMENT
NH 717 w/2 Row Head
NH 880 Harvester NO Head
Gehl Forage Wagon
Badger Tandem Forage Wagon

TILLAGE EQUIPMENT
JD 2450 7 Btm. Plow
JD F-145 5 Btm. Plow
JD 845 3 Btm. 2 Way Plow
JD 10 KBA Disk
10' Culta Packer
12' Culta Packer
Ontario Grain Drill

MISC EQUIPMENT
JD 146 Loader Like New
JD Grapple Fork for 146 Loader
Woods 10' Rotary
Woods R.M. 48 Rotary 3 pt
Haban Corn Sheller 3 pt
JD #54 Rotary Like New
Sauder Loader Like New

NEW EQUIPMENT SPECIAL
Hesston 2000 100 Harvester w/2 Row Head, w/Hydraulic Sharpener
$7500

OTHER NEW EQUIPMENT
1710 11' Mulch Tiller $5500.00
Landoll 7 Shank Tiller $5150.00
Allied 8x51 Grain Auger $1975.00

PIKEVILLE EQUIPMENT, INC.
R.D. 2, Oley, PA
Phone: 215-987-6277
Berks County's Full Line John Deere Dealer-Serving the Oley Valley 46 years 1936-1982

FARM EQUIPMENT

$$ - SAVE - $$
Steel Tanks epoxy lined for liquid nitrogen, fertilizers, or fuels.
6500 gal. and 11,000 gal. only 25¢ per gal. Delivered.
DOMINION PRODUCTS
703-371-8028
call after 7 P.M.

Used 1977 K2 Gleaner combine w/cab, monitor, 10' grain head, 2 row corn head, excellent $18,000
1290 JD haybine $2,200
676 NH manure spreader w/hydraulic endgate $1,800
Used 1550 Oliver diesel, wfe $5,500
White combine 8600 w/4 row narrow corn head $17,000
New Kasten wagon w/ roof 3rd beater, 8 ton running gear, 11L15 tires, $4,200
New 238 NH 12 ton running gear, 11L15 tires and tubes $1,650
IH 400 w/2 MH mounted picker $2,700
4 bottom JD semi-mounted plows, $700

FARNSWORTH SUPPLY
103 Cemetery Street
Hughesville, Pa. 17737
717-584-2106

USED EQUIPMENT
Hesston PT10 Haybine
Loader for AC 160
(2) NH #56 Rake
Bearcat Grinder-Mixer
AC Model 90 Pull Type Combine
Landoll 7 Tooth Chisel Plow
(2) IH 234 Mtd. Corn Pickers to fit 656, 706, 806
L or M #435 Corn Head
(2) Grove Self Unloading Wagon, 3 btr. & roof
Used Century sprayers
NH 275 Baler w/thrower
JD 2010 Backhoe Loader

USED TRACTORS
AC 5050
AC 200
AC 190XT Series III
AC D19 Gas
AC D17 Diesel
AC WD
AC WD 45
MF 1085
Used Lawn & Garden Tractors w/mowers

NEW LANDOLL CHISEL PLOW
7 Tooth $5100

NEW EQUIPMENT AT USED PRICES
Many Models New Holland Spreaders

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211
or Bob Gantz Sales
717-653-5020

FARM EQUIPMENT

TRACTOR & MOTOR REPAIRS
Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
Pickup and Delivery

WALT STIVELY, JR.
Springville Road
Quarryville, RD3
Phone: 717-786-2252

USED FARM EQUIPMENT

IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, John Blue pump, rear spray tips for herbicide spraying, $4,000
IH 400 Cyclo 4x36" no-till planter w/liquid fertilizer tanks, John Blue pumps for fertilizer and herbicides, Gandy insecticide boxes, $2,000
2 FMC model 5 2 row sweet corn harvesters with a lot of spare parts
100' Badger 12" auger feeder w/heavy duty drive, $500.

F.O. Mitchell & Bro. Inc.
Perryman, MD 21130
301-272-3636 day
301-272-2620 night

USED EQUIPMENT

Tractors
AC 7020
AC 200
AC 190 XT
AC D17
JD 4040 w/roll guard
JD 4040
JD 4000
JD 2840 w/roll guard
JD 2640
JD 2240 w/145 loader
JD 2010
JDB
IH 1066 w/cab
2 Case 970
Ford 5000 w/loader
Ford 4000
Ford 8N w/mower
David Brown 1210
Satoh S-370 diesel 4WD

Combines
AC M-2
AC F-2
AC F
AC 72 pull type
IH 205

Plows
JD 6 btm. on land
Oliver 6 btm.
2 IH 5 btm.
Ford 3 btm.
AC 3 btm.
Pittsburg 2 btm.
IH 2 btm. drag
Schultz 10' chisel
AC 10' chisel
JD 10' chisel
Discs - 6', 8', 10'

Grove forage wagon
JD 215 forage wagon
NH #8 forage wagon
Kasten forage wagon

NH 30' elevator
Farmec 34' elevator

New AC 5045 45 hp tractor, fully equipped.
Sale Price
$8995
no trade

UNIONTOWN FARM EQUIPMENT
Rt. 119 North
Uniontown, PA 15401
412-437-9851

FARM EQUIPMENT

TRACTORS
Ford 4500 loader backhoe
Ford 8N loader backhoe
Ford 7000 w/Load Monitor
Ford 5600 low hrs.
Ford 5000 D Dual Power
Ford 4200 00 D SOS
Ford 4000 SU w/roll bar
Ford 3400 w/Loader
Ford 3000 G 8 Speed
Ford NAA Hi-Lo Trans.
Ford 901 w/2R Picker
Ford 800 PS
IH 666 D WFE
IH 504 G, 3 pt.
IH 454 Dsl.
IH M w/PS
IH Cub w/mower
AC 5040
AC 160D
AC D17G Ser. IV
AC B w/Equip.
AC G w/equip.
MF 235 G, PS
MF 135 G Live PTO
Ferguson 30 w/Loader
Oliver 77 w/hydraulics
Oliver 70 w/cultivators
Oliver 660 w/hydraulics
JD 3010 Diesel
JD 2640 WFE
JD 2510D
JD 2010 Gas
JD B w/cultivators
Satoh w/Woods mower
MH Pony w/cults.

EQUIPMENT
NI 323 Picker
IH 2 MH Picker
Ford Post Hole Digger
JD Flail Mower
JD 115 Wagon
NH Flail Chopper
MF 33 Grain Drill
NH 477 Haybine
JD #34 Chopper

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

FARM EQUIPMENT

John Deere

USED EQUIPMENT
JD 2640 Diesel Tractor w/146 Loader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
JD 485 mower conditioner
JD 3800 Chopper
JD 2450-6 Btm. on Land Hitch Plow
Oliver 5x16 Plow

NEW EQUIPMENT
JD 7100 8-row 20" bean planter
JD 215 Disk
JD 2450-7B-16" On Land Hitch Plow

OTHER LINES NEW EQUIPMENT
NH 315 Baler w/ejector
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
Ceco Farm Buildings

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

John Deere — *Nothing runs like a Deere*

USED MACHINERY

TRACTORS:
JD 4040 RG & Power Shift $18,000
JD 4040, cab, QR, 1100 hrs., like new . $24,900
JD 2240 4 whl. drive Rental Unit $15,900
JD 520 ..... $2400
White 4-150 w/duals ... $13,500
Ford 1600 Dsl $4,500

COMBINING:
JD 40 ..... $2900
JD 6620 side hill w/15' platform $52,000
JD 40 Square Back w/2 RW & 10' Grain $5000
JD 7700 Turbo Hydro w/15' Grain Platform $30,000

PLANTERS:
JD 1250 6 row plateless w/monitor $1900
IHC 400 cycle 6R w/No-Till Pop. Monitor, Ex. Cond. $3200
IH 56 4R Disc Openers

TILLAGE:
JD 350 5/16 reset plow w/cushion coulters ... $3100
JD 145 5/16 Plow $1000
JD 220 Center Fold 18'6" Disk, Cushion Gang Attach $4950

FORAGE:
JD 3800 Long Tongue for parts $1100
Gehl Chop-All 2R and Pickup $1200
Gehl Chop-All 1R and Pickup $1000
Fox FA w/1 Row Pickup DC $600
IH Pickup Head for 650 Harvester $500
Coming In...
Fox Sp w/2R Narrow Snapper Head 2R Narrow Corn Head & Pickup

HAYING:
IH 1290 Mow. Cond. 12' .. $2100
IHC 990 Mowr Cond. $1085
NH 268 Baler w/thrower . $1385

MISCELLANEOUS:
Oliver #5 Picker, 1 Row .. $1200
JD 400 Grinder-Mixer ... $2600
Cozy Cab for JD Utilities $1200
JD 13x7 Drill $985
IH 16x7 Drill $1285
Brillion 10' 3 pt. seeder $2500
JD 300 Husker w/244 Corn Head $8250
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NI 7 picker
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IH PR 2R pull picker
NI Uni grain head
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JD 6 row 30" $1200
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AC C2 4 row corn head
MF 3RN corn head fits 300 or 410 combine
MF 4 row fits 410
MF 2 row fits 300
JD 4 row fits 105

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Ford 8600 w/dual power
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NH 36 ft. Elevator w/Motor
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NH 273 Baler w/Thrower
NH 270 Baler w/Thrower
NH 268 Baler w/Thrower
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JD 400 Grinder Mixer
NH L35 Skid Loader
NH 7 Forage Box w/Cover
NH 770 Harvester w/2 Heads
NH 880 Harvester w/2 heads
NH 851 Auto Rap Baler
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NH 310 Baler
NH 311 Baler
NH 315 Baler
NH 316 Baler
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NH 489 Haybine
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NH 472 Haybine
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NH 273 w/54A Thrower
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NH 315 w/58 Thrower
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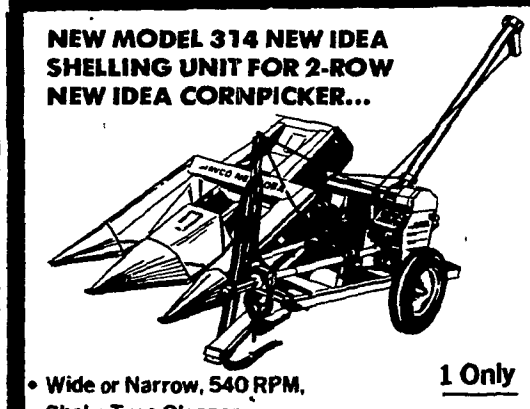

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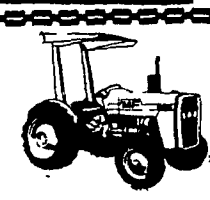

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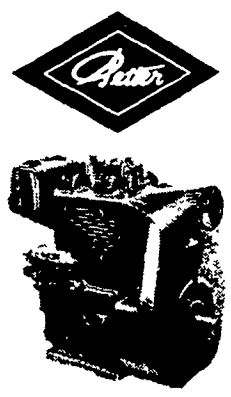

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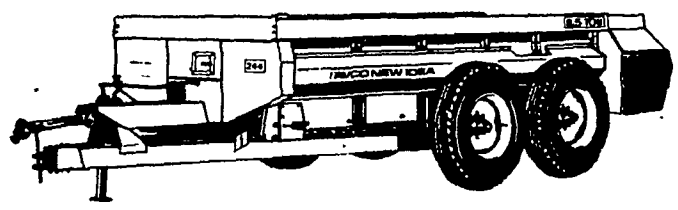

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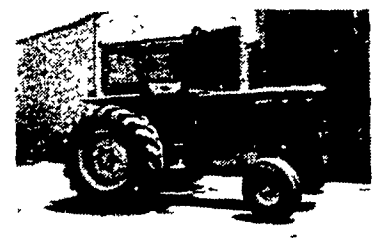

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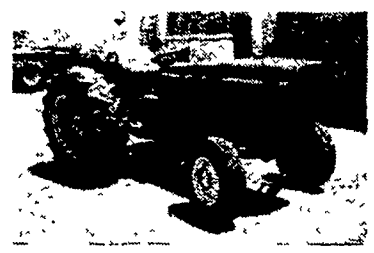
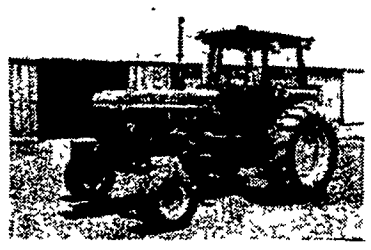
w/roll guard, canopy and 146 loader w/84" bucket

WAS ~~$17,900~~ — REDUCED TO $16,500



JD 1974 2630 DIESEL

WAS ~~$11,000~~ — REDUCED TO $10,200



JD 1972 4230 DIESEL
quad/sound body

WAS ~~$17,500~~ — REDUCED TO $16,900

JOHN DEERE 1963 3010 DIESEL

WAS ~~$5850~~ — REDUCED TO $4950

JD 4030 SYR Range, 4 Post Roll Guard w/Canopy, Front Wts.
AC 5050 Dsl. w/Loader
MF 65 dsl.
JD 4020 PS WFE
Farmall "M"
JD M w/Loader

NEW EQUIPMENT SPECIALS

JD 2440 RU 28" whls. Hi/Lo
JD 2640 HU 38" whls. Hi/Lo
JD 4240 Quad w/sound body
"40" Series close out specials. New customer cash rebates and finance waiver until June 1, 1983 or cash in lieu of waiver.

JD 327 Baler w/#30 ejector
JD 337 Baler w/#30 ejector
JD 347 Baler w/#30 ejector
JD waiver to May 1, 1983

JD 7000 4&6 row planters
JD money bonus & waiver to April 1, 1983

JD 115, 215, 235, 315 disk harrows
JD money bonus

JD 6620 side hill combine w/215 flex platform w/643 corn head

JD 125 Dsl. skid steer loader
JD 90 skid steer loader
JD 6500 forage blower
JD 750 grinder mixer
JD 465 flail spreader
NI 325 2RN picker
NI 323 1-row picker
NI 272 7' cut/ditioner

CHECK THESE SPECIALS CALL RIGHT AFTER 7 A.M. For Information & Price

Used Tillage Equipment

JD 350 6B p/reset plow
JD 350 4B p/reset plow
JD 810 2B 3-pt plow
Ford 2B 3-pt plow
AC 4B 3 pt. plow
JD 235 19'11" wingfold disc harrow
JD 111 10' disk harrow, 28 bl
JD Kilhefer 20bl offset
JD AW 15'2" disk harrow 44 bl
JD 12' spring harrow
Dunham 12' roller harrow
Brillion 9' cultipacker
Brillion 14' triple gang packer

Used Planting Equipment

Like New! JD 8350 fert. grain drill 23x7 w/gsa.
JD FB17B single disk grain drill
IHC 16x7 drill
Ontario 16 disk drill w/GSA
JD 7000 6R Corn planter w/fert.
JD 7000 4RN planter w/fert.
JD 7000 4RW planter w/fert.
JD 1240 4R PLATE TYPE planter
JD 1240 4R plateless
JD 1250 6RN plateless
JD 1440 4R no till w/80 units
AC 500 4R planter w/fert.

Used New Idea Uni-Equip.

705 Dsl. power unit w/cab and 767 Super Chopper w/3 RW RC
702 dsl. power unit w/cab
760 chopper w/2RW RC
769 flail mate
762 2R 38" RC
766 Hay Pick-up

Used Forage Equipment

JD 3800 Harvester w/electric controls w/sharpener
JD 8' mower bar attachment
JD 35 Harvester w/2 RW RC

Used Manure Hndl Equipment

Farm Hand loader
JD 46A loader
NI 206 gr dr spreader
NH 365 tank spreader
NI 213/217 single beater spreader
NI 214/215 flail spreader
NI 218 8½T tandem ax spreader
NI 224 10T tandem ax spreader

Used Combines & Corn Heads

MH 82 12' S-P
JD 7700 dsl w/14' platform
JD 444 4RW corn head

Used Corn Pickers

NI 325/327 2RN picker
NI 311/313 2RW picker

Miscellaneous Equipment

JD 16A chopper
JD RG430 4R cultivator 3-pt
JD tool bar w/5 teeth
JD 642 rotary hoe
JD 314 rotary hoe
JD 32B sprayer 20' boom
WALSH sprayer 27' boom
JD 507 7½' PT gyramor
King Kutter 6' 3-pt cutter
Ford 7' flail mower 3-pt
Hesston 10' mower cond.

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

Deferred payment until March 1, 1983

206 New Idea Spreader Available
With or Without Steel Wheels
With or Without Endgate Att.
For Shipment NOW Order Yours Today.

LANDIS BROS., INC.
1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046
JOHN DEERE

FARM EQUIPMENT

NH TR 75
Pay New Holland what we owe and it's yours!

New White 2-85 Tractor

New White 5100 Planters

HARVESTERS
NH 770
NH 880
JD 34
IHC 350

Used NH 352 Grinder Mixer

Used Balzer 400 Spreader

Skid Loaders

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

FARM EQUIPMENT

USED TRACTORS
JD 4640, Cab, Air, AM-FM, Duals
JD 2640, RG and Canopy, Hi-Lo
JD 50
JD "A"
Ford 9N
Oliver 70

SKID STEER LOADER
New Hd. NH L425 skid steer loader, demonstrated, 2 buckets - $11,500

USED PLOWS
Used JD 2500 7-Bot., Spring Trip, on Land
JD F145 3-Bot. Semi Mtd.
(3) JD 45 3-Bot. Mtd.

ELEVATOR
New 24' Hub Elevator - $1,200
Used 36' NH Elevator - $595

FARM EQUIPMENT

ROTARY CUTTERS
Woods 80, Pull & 3 pt.

NEW COMBINES
JD 6620 Combine (Reg.)
JD 6620 Combine (Side Hill)
• Choice of Heads •

USED CORNHEAD
Used 444 Cornhead - $3,500

GRINDER MIXERS
New NH 353 Grinder Mixer, Complete

USED DISKS
8' Orchard Disk
8' Finishing Disk
• No Transports

NEW EQUIP.
Hayban Corn Sheller, 3 pt. PTO
3 Pt. Blades

USED TAYLOR HI-EFF. DYNAMOMETER
130 And 200 H.P. **SPECIAL $495**

JOHN DEERE

SPERRY NEW HOLLAND

KERMIT K. KISTLER, INC.
Rt. 143, Lynnport, PA 18066
PH: 215-298-2011

FARM EQUIPMENT

VERMEER · HEDLUND MARTIN INC. · Vicon

NEW EQUIPMENT
- S Scranton Bale Feeders
- Vermeer & Scranton Bale Movers
- Martin S1263 Spreader
- (4) Vicon 4 Wheel 3 pt. Hitch Rakes
- (1) Vicon 6 Wheel Trailer Rake
- (3) Vicon 600 lb. Spreader
- (3) Vicon 950 lb. Spreader
- (2) Vicon 1900 lb. Fert. Spreader
- (1) (2) Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill

USED EQUIPMENT
- Int. 9' Haybine
- Vicon 8' Mower Conditioner
- Vicon 10 ft. Power Harrow
- Brady Flail Shredder
- Martin 3300 gal. Liq. Spreader
- Hawk Bilt 257 Tank Spreader
- New Idea Manure Spreader
- Hesston 12' Hydro Swing Haybine

RED WING FARMS
R.D. #1, FLEETWOOD, PA. 19522
215-944-9583 215-944-0791

FARM EQUIPMENT

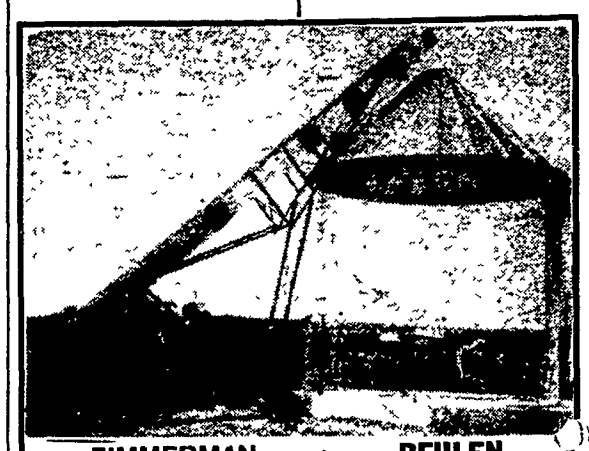
T.M.R. Forage Blender

"Total Mixed Ration" With TUMBLE MIX ROTATION

Available in a model to fit your feeding requirements.

Contact **DAVID STOLTZFUS** at (717) 345-8795 or the address below:

Farmmaster
P.O. BOX 444B, R.D.-1
New Holland, PA. 17557
Phone: (717) 354-6235



ZIMMERMAN PORTABLE ELEVATORS
Will Carry Your Corn & Hay
28 ft. $1175
32 ft. $1250
★ 36 ft. and 40 ft. also available

BEHLEN CORN CRIBS
1200 BU $875
1600 BU $1085
Smaller Size Cribs Available

Limited Supply At These Prices

AVCO VM Diesel
ADAPTABLE TO MOST APPLICATIONS

WISCONSIN ENGINES
Sales and Service

TRACTORS & EQUIPMENT
8N Ford, Excellent $1750
Ford Jubilee $1550
NI Wheel Rake $500
JD Wheel Rake $150
NH 273 Baler w/Thrower ss $2300

SALES & SERVICE
MILLER'S REPAIR
1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD 1, Bird-in-Hand, PA Ph: 717-656-6109

USED EQUIPMENT
NI 708 power unit and 702 power unit
737 husking bed
717 combine
713 combine
744 corn head
731 corn head
NH forage harvesters:
(2) 770 w/heads
(1) 717 and (1) 718
NH 351 grinder mill
NH Super 68 baler

Special Sale
Low Acreage Machine
AC Model L Gleaner combine w/4 row corn head and 15' grain platform

Oliver semi-mounted 4 bottom plow

Used corn pickers:
NI 324 2 row corn picker
NI 324 picker sheller, 2 row

NEW EQUIPMENT
802 Uni power unit
767 Uni chopper
766 pickup head
844 N corn head
768 corn head
1 7020 Hesston forage harvester
1 7140 Hesston forage harvester
2 7316 Hesston forage boxes
2 Hesston round balers
1 324 NI corn picker
2 323 NI corn pickers
NI 213, 214 and 245 manure speaders

AC Tractors:
6060 4 wheel drive
6140 4 wheel drive
8010
(2) 5050
1 M combine
(1) 2600 disc
(1) 2500 disc

AIRVILLE EQUIPMENT, INC.
P.O. BOX 37
Airville, PA
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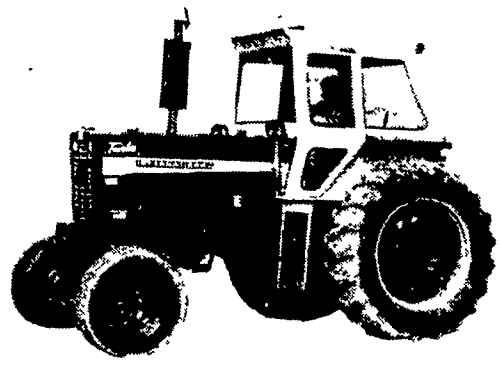
HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



GUARANTEED QUALITY USED TRACTORS

IH 1456 w/20 8x38 rubber, good tractor
JD 4020 gas with wfe
IH 1206 turbo diesel, fully equipped
AC 200 w/yr round cab, dual PTO & hydraulics 18 4-38 rubber, 1700 hrs, sharp, local tractor
JD 5020 with factory duals, diff lock, dual hydraulics Real nice tractor
IH 574 diesel, 700 hrs, w/2250 Mount-o matic loader w/quick tach buckets, exc cond local tractor
IH 1456 D, fully equipped w/cab, good solid tractor original paint, very sharp
JD 2840 D fully equipped, very sharp
JD 4320 w/factory cab, 38" rubber fully equipped
IH 966 fully equipped w/year round cab
IH 856D w/cab 18 4x38 wedge lock wheels, fully equipped
IH 574D, 75 model row crop, 1800 hrs SOLD
JD 4020 Diesel, power shift 38" rubber, clean
Farmall MTA
IH 706 gas w/3 pt hitch
MF 85 Diesel, good rubber
JD 620 gas tractor

FALL CORN EQUIPMENT

Let us know what you need in corn equipment
MF 510 Diesel hydro cab & air, 4 rw narrow, 13' grain head, w/floating cutter bar, local machine
IH 715 hydro w/4 row narrow and 13' grain head
IH 403 combine w/cab 3R wide 13 grain head, $3750
JD 40 combine, square back, needs work
NI 702 power unit w/heavy rear axle
NI 323 1 rw picker has done very little work
NI 760 chopper w/hay pick up and 2 row wide head

Box 91 New Providence, PA 17560
Ph. 717-786-1606 &
Evenings 717-786-4899

USED EQUIPMENT

TRACTORS
JD 4240 w/cab, 400 hours
JD 2940, 350 hours
JD 4230 w/cab
IH 1086 w/cab 1180 hrs.
MF 1080 Diesel
White 2-85 w/cab

COMBINES
1978 JD 6600 Sidehill
1979 JD 6620 Sidehill
JD 4 and 6 Row Corn Heads
1980 MF 760 338 hrs. w/2 heads
JD 45 w/2 heads

TILLAGE
JD 210 13' Disc
AC 3100 10' Offset Disc
JD 1450 4x16 Plow
JD 1450 5x16 Plow
JD 2700 7B On-Land Plow
JD 145 4x16 Plow
JD 145 5x16 Plow
AC 5x16 Semi Plow
JD 1600 10' Chisel Plow

Selection of Used Planters including Max-Emerge.

TOBIAS EQUIPMENT CO., INC.
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JOHN DEERE

VERMEER

TRIPLE H EQUIPMENT
Peach Bottom, Pa.
717-548-2640 or 717-548-2094

Vicon

VERMEER EQUIPMENT
2-new 605H bale SOLD
3-used 504F balers
1-used 605F baler
1-demo 504 Super G
2-new R23B twin rakes (Special)
1-8' heavy duty blade
1-7'6" disc mower-conditioner
2-F100 bale feeders and trailer
1-#340 irrigation traveler and dual hose reel

TRACTORS & SKID LOADERS
1-new Agri Power 9000, 113 hp, $16,700
1-new Agri Power 4000, 48 hp, $7000
1-new Lahman 30 hp, 2 buckets, $10,000

VICON EQUIPMENT
2-8 wheel V rakes, new and used
2-6 wheel rakes, new and used
2-5 wheel rakes, new
1-2400 lb. spreader
3-1900 lb. spreaders
2-1400 lb. spreaders
2-1100 lb. spreaders
2-600 lb. spreaders
2-8' disc mower, new and demo
2-8' mower-cond., new and demo
1 ea.-10' and 15' power harrows
1-RP 1200 round baler, demo
1-RP 1500 round baler, demo

MISC. EQUIPMENT
2-Sunmaster 60" rotary mowers, new
2-36" log splitters
1-Woods 10' rotary mower, used
1-Hesston 10' hydro swing, used
Zimmerman Wagons

C&W SAYS DOUBLE UP & GOBBLE UP THESE RED HOT DEALS TODAY

Below listed IH New Equipment Prices are Good Through 11/13/82. You Have 8 Days to Gobble Up These "One Only" Fantastic Bargains. First Come, First Served. Don't Wait, Call Us Now.

NEW IH EQUIPMENT

- 120 16' forage box, roof, 10 ton running gear, new tires ... $4,750
- 445 Baler w thrower ... $7,475
- 2400 Big roll baler ... $8,950
- 1250 grinder mixer ... $5,350
- 35 rake, equipped w/dolly wheels ... $1,980
- 56 blower ... $2,385
- 730 adjustable width plow, toggle trip ... $4,995
- 475 disc harrow 11'6", new tires $4,025
- 4500 16'5" vibra shank field cultivator ... $2,325
- 5500 chisel plow, hi-clear, 7 shank ... $2,050
- #80 snow thrower, dual augers ... $1,600
- 1190 mower conditioner, 9' ... $5,660

One Only New IH Tractor Specials
Prices Good Through 11/13/82
First Come, First Served
Don't Wait, Call Us Now

- 3088 18.4x38 rear tires 80 HP ... $18,500
- 3288 Cab, 18.4x38 rear tires, 90 HP ... $27,150
- 3688 Western cab, aux. fuel tank, 110 HP ... $31,200
- 5088 Western cab 20.8x38 rear tires ... $34,750
- 684 T.A. 16.9x30 rear tires ... $13,600

SPECIAL DISC HARROW SALE

Amco 18' rock-flex wing disc harrow w/22" quarter inch thick blades, new tires ... $10,650

USED TRACTORS

Waiver of Finance Available

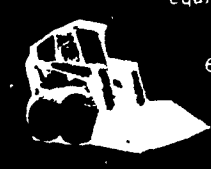
- JD 2520 diesel equipped w Hinson cab
- IH Farmall 766 diesel, wide front, 3 pt. hitch ... $13,750
- IH Farmall 806 diesel, cab, dual rear tires, wide front, 3 pt. hitch ... $8,750
- IH 464 3 pt hitch, dual aux valves, PS, used only 480 hours ... $6,500
- Oliver 77 good rubber ... $1,200
- AC model C w/cultivator, good rubber ... $1,200
- IH Farmall 686 diesel ... $12,900
- Hyster 7500 lb. forklift dual solid drive wheels, 10' lift, PS ... $8,000

USED EQUIPMENT

Waiver of Finance Available on Most Used Equipment

- IH 830 forage harvester w 2 row corn head ... $6,500
- NH 880 harvester w 2 row corn head ... $3,750
- IH #16 harvester w 1 row corn head, clean ... $1,000
- JD #24T baler w/thrower ... $1,250
- IH 37 baler w/thrower ... $800
- IH 110 side mounted sickle bar mower ... $675
- Athens 11'6" disk harrow, disked 10 acres ... $2,150
- Walsh 200 gal. sprayer, excellent ... $1,350
- Walsh 550 gal. sprayer ... $1,500
- NH 40' elevator w/gas engine ... $1,275
- IH #93 combine w 10' platform ... $3,000
- IH #71 flail mower ... $500
- IH #1300 sickle bar mower

1 owner IH 4140 skid steer loader, 4 cyl water cooled 40 HP engine, used 137 hours equipped w 60" material bucket and 60" manure fork, all gear drive



$9,750

1-800-692-7829
We ship parts by UPS daily

C & W EQUIPMENT, INC.
260 York Rd., Carlisle PA 17013
717-243-4419

FARM EQUIPMENT

SPECIAL OF THE WEEK

USED BADGER 3000 GALLON TANK
$1,350

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa
Ph: 717-299-2536

FARM EQUIPMENT

GEAR UP FOR WINTER WITH THESE

USED TRACTORS
AC 7000 Cab & Air, 200 Cab & Air
Ford 3600 w/cab
JD 3020 w/cab
AC D17D w/loader, 160 D w/loader
Ford 821 gas w/loader

FOR SNOW PLOWING BIG & SMALL TRY ONE OF THESE:
AC 180, 175, 5040, D19, D17, D15, B
Same Saturna 80 4WD
IHC 806 D, 674, 464, 364, 230, 140, Cubs
JD 1520, 420
MF 135 gas & diesel, 30 gas.
MF Industrial 165 w/cab and heavy duty power angle snowblade

Best Buy
Kubota 345 D 4 WD only 140 hrs. like NEW.

LOGGING?
JD 440 A Log Skidder

DIGGING TO DO?
Tractor Loader Backhoes
Case 580 D w/cab
Ford 450 D, your choice $6250.00.

LAST CALL ON USED FORAGE EQUIPMENT
Get Yours NOW - We're Going to Sell Them - Not Store Them
2 NH 707 3 pt. choppers, 36 flail chopper
Hesston 7020
NH 770, 718, Super 717 - large selection of heads - NH Snader Heads 770, 1 row, 880-890 2 row
Used Grove & Freeman, Dion Forage Wagons, several used Short hopper Forage blowers and a Farmhand regrinder blower

MANURE SPREADERS
Large selection of used ground drive, Tank and PTO Spreaders & many new ones ready to go
Used NI 245, double beater and NI 243 single beater-both w/hyd. tailgate and floatation tires.
JD 450 ram spreader, like new
H-M Scavenger II, model 1466, 50' spread pattern, 1340 gal. capacity spreader
Hedlund Martin (The Equalizer), manure loader, 3 pt. auger loader, loads liquids or solids.

USED SNOW PLOWS
Large selection for tractor or front end loader mount, several for Pick Ups, snowblowers, 3 pt. large and small, 3 pt. blades
Large selection of new double ring tractor chains

MISCELLANEOUS
2 Used 3 pt. hitch chisel plows, used Bush Hog 10' plowing disc
Used Grain Drills
New and Used Hay & Grain elevators
New Bush Hog 5 ft. 3 pt. hitch mowers $595.00.
3 pt. carryalls, large bale movers
3 pt. hitch, large bale roll-about feeders
Danhuser Post Hole Diggers

WOOD CUTTERS
New & Used 3 pt. hitch Farmi Winches
Danhuser Wood Splitters
3 pt. Wood Saws

FALL SPECIAL
Little Giant Log Splitter LGA
24 Trailer Mounted - 10 Ton Splitting Force
List Price $795.00 - Now $645.00

CORN PICKER SPECIALS
NI 323 1 row Corn Picker, very good condition $3250.00
NI 325 2 row- narrow, $4975.00

MARSHALL MACHINERY, INC.
5 Miles East of Honesdale on Rte. 652
Phone 717-729-7117

FARM EQUIPMENT

SHULER EQUIPMENT SALES
RD#1 Box 228
Shuler Road
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717-582-4365 anytime
ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS.

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION.

FIELD QUEEN
FORAGE HARVESTERS

SEE THE NEW HESSTON TRACTOR LINE
40 to 100 HP
Special Price on White 2-105 Tractor and 508 SAR 4X18 Plow

NEW TILLAGE
12' Rhino Rock Flex Disc $4200
13' 245 Bush Hog Offset 26" Disc $7600
14' 1439 Bush Hog Disc

NEW EQUIPMENT
NI 802 Uni w/Harvester
NI 717 Combine

USED TRACTORS
JD 2510 Gas
White 2-135, 450 hrs.
IH 706 Gas
Oliver 1600
Oliver 1850 w/cab

Used Hesston 4800 Big Square Baler $25,000

USED HARVESTERS
MF 510 Dsl. Combine w/13' Soybean Head
Fox Max 1, 3 row head & pickup
Fox Super D2R Head & Pickup
Fox 3310
Fox 3000
Fox 299 80" Flail Head
Field Queen Side Dump w/Det. engine, 3R Head & Pickup
JD 3800
Gehl 600
NH 890, Like New

USED EQUIPMENT
NI 710 Combine
NI 725 3R Head
6"x40' Elec. Auger
14' JD Flail Mower
IH 480 13' Disc
IH 55 12' Chisel Plow
Arps 70' hvy. duty hyd. Angle Blade
Lely Double Wheel Rake 18 ft.
JD 1240 Planter
IH 400 4R Planter
Hesston Stackhand #10
NH 26 Blower
Farmhand Recutter Blower
NH 489 Haybine
Hesston 1010, 1014, 10 & 12 Ft. Hydro Swing Windrower
Bush Hog 24' Soil Finisher
Glencoe 13 Shank Soil Saver
NH 442 Disc Mower
Woods 20' Bat Wing
NI Side Dump Wagon
Dion Fg. Wagon 3 btr. & roof
IH 51 wagon, 3 btr. & roof
NI 270 Cut Ditioner

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK

Used Deutz D10006, 105 h p, $12,400
Used Deutz D4006, 3560 hrs, good condition, new rubber, $5,400
Used D5506, 57 h p. $6,800
Farmall H, 34 h p $995
Used homemade hay tedder $400.
Corn Sheller JD #43 belt drive $400

NEW TRACTORS & EQUIPT. IN STOCK

D4507 Deutz tractor, 45 h p
D6207 Deutz tractor, 62 h p
D6807 Deutz Tractor, 68 h p
D7807 Deutz tractor, 74 h p
DX 130 Deutz tractor w/cab & air, 121 h p.
Custom-built diesel Gen-Sets made to order
New & Used Deutz diesel engines at special prices. Call for details
New Deutz F2L-912 diesel engines 20-32 H P. electric start.

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

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case

Used TR 70 NH Combine w/6 row head and 13' grain head, fully equipped, 1,000 hrs. good cond. $32,500 cash price

890 Harvester w/2 row narrow corn head. $4000

Oliver 55 Tractor w/Heavy Duty Loader $2695

John Deere 4320 Tractor in good cond.

Hesston PT 10 Haybine, Real Good

New Idea Blower, real good cond.

NH #27 Blower, good shape.

New 3 pt. or pull type 12' Lever Harrow $800

New Athens 12' Disc Harrow $5,000

New Athens 13' Disc Harrow $6,000

New 8' Dunham chisel plow $1695

Plus
Used Haybines, Manure Spreaders, and other good used equipment available.
Check with Ted on New Holland FREE FINANCE arrangements

Paul Shover's Inc.
35 E. Willow Street
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PUMPS

IRRIGATION - WASTE WATER - MANURE - INDUSTRIAL
New - Used
Diesel, PTO, Electric, Gasoline

REYNOLDS ALUMINUM PIPE

Irrigation, Repairs & Gaskets for: RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, A-M AND OTHERS

SPRINKLERS: Rainbird, Skinner & Buckner

Good rebuilt GORMAN-RUPP PTO pump, also used Hale, CMC, Marlow, Peerless-Electric

EECO, INC.
4021 N. 6th St., Harrisburg, PA 17110
717-238-9423

See Us About Outstanding Deals on New Equipment

Used Equipment Specials

JD 227 2 row mtd. picker (very good cond.)	$400
IH 863 6x30 corn head	$6,950

New Equipment Specials

Gehl 360 skid steer loader w/2 buckets	$5,750

Used Equipment

1086 tractor w/cab & air (1400 hrs.)	$21,500
656 gas gear drive tractor, wfe, 3 pt. hitch	$5,850
460 diesel w/2001 loader & hyd. bucket	$3,500
Farmall Cub w/plow and cult., 1974	$3,975
2 Cub Cadets, model 149 w/mower	$1,795 ea.
102 Cub Cadet w/mower	$895
124 Cub Cadet w/mower	$1,295
IH 76 lawn tractor (new engine)	$895
42" snowblower for Cadet	$225
JD 110 garden tractor w/mower	$875
5' side mtd. mower for Cub	$400
Cultivator for Farmall Cub	$400
Fast hitch for Cub	$150
1 pt. rear blade (home made)	$75
Front blade for Cub	$195
710 auto. rest plow 5x16	$3,850
550 5x14" plow	$850
IH 540 plow w/coulters & cover boards	$1,275
MF 3x14 3 pt. mtd. plow	$395
IH 55 3 pt. 11' chisel plow	Coming in
IH 350 12' disc	$1,110
#45 vibra shank cult., 26½' w/mulcher attachment	$3,500
JD 12' mtd. vibra shank cult.	$1,295
IH #10 single disc, 18x7 drill	$1,975
IH 400 4 row planter w/insect.	$2,795
IH 400 4 row planter w/insect.	$2,450
IH 56 4 row planter w/insect.	$1,750
IH 455 4 row planter w/insect.	$1,450
IH 453 cult. 4 row rear mtd.	$850
IH 200 rear mtd. 2 row cult. (new)	$775
IH 93 combine, 10' platform w/pickup reel (nice)	$4,800
IH 430 baler w/thrower	$2,695
MF #10 baler w/thrower	$1,200
AC 303 baler w/thrower	$995
NH 67 baler w/thrower (motor on thrower)	$795
IH 7' 3 pt. Pitman mower	$475
Fox blower (as is)	$575
Hesston PT-12 pull-type windrow	$1,025
Fox pick-up head for forage harvester (as is)	$225
Kewanee 8' 3 pt. blade	$495
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IH 560 spreader w/upper beater & hyd. endgate (repossession)	$3,900

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IH 350 Farmall, PS
IH 460D, Utility - $1,800 as is
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MF TO-30 w/Turf Tires
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IH 550 5-Bot. 16" Semi Mtd. Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow
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550 IH Chopper
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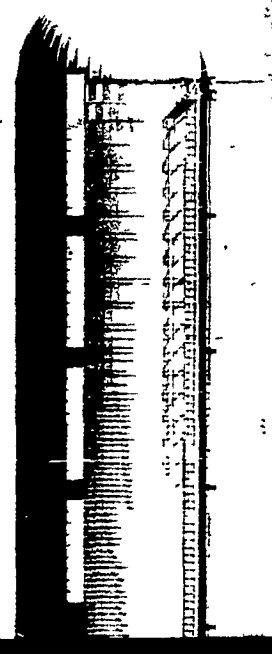

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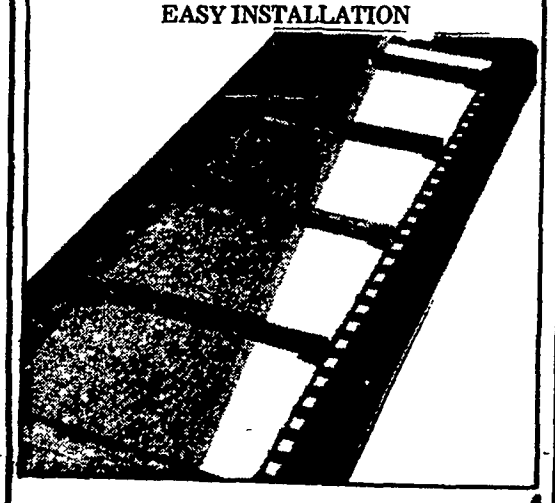

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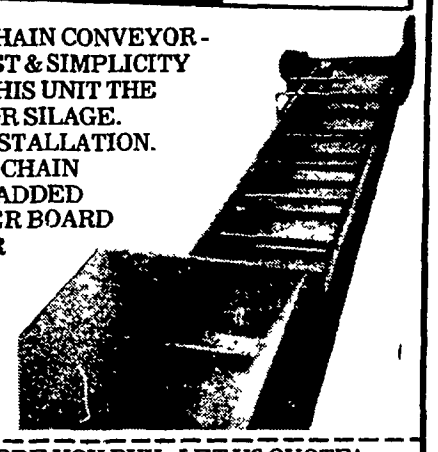

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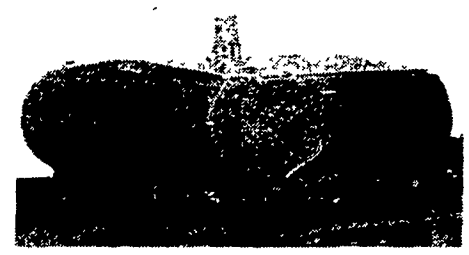

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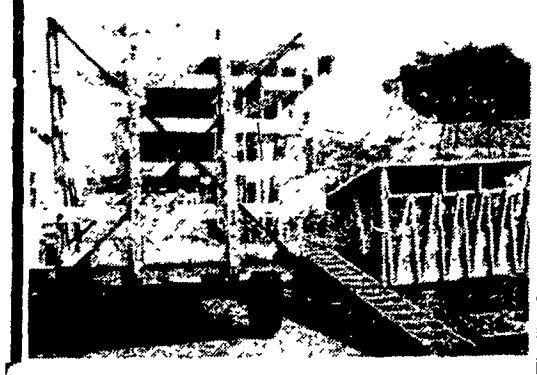

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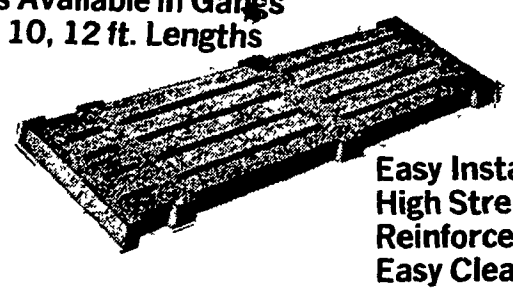

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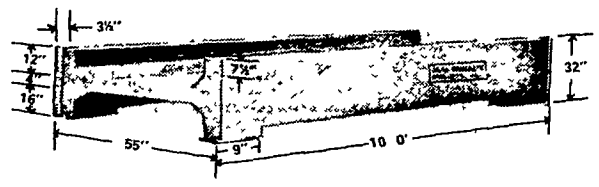

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For Sale - 12 mth. old Gay son, Dam has records up to 22,000 milk and 736 fat. 14 mth. old Gay son, Dam has records up to 20,564 milk and 728 fat. 717-687-6694

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For Sale - Buy your calves fresh off of farm, 80 Angus steer calves, approx. 500 lbs., 50 Angus heifers, approx. 450 lbs., vaccinated w/Bar 4. 301-775-2324

Must sell 6 Registered Holstein Heifers. One to two years old. One bred and preg. checked, others open. Priced to sell, one or all. 201-362-6942

For Sale - 2 registered holstein bulls both 1 yr. old. One out of Starlight, the other out of SWD Valiant. Also have registered holstein cows and heifers for sale. Phone 717-673-8505 or 717-673-5817

Holstein heifers, due in spring, pregnancy checked, blood tested. Lanc. Co. 215-445-4895

Will board heifers over winter, have room for 50. I provide barn, exercise lot, silage hay and bedding. R1, Christiana, PA 17509, 215-593-6488

For Sale - Reg. Holstein service age bulls with sires up to 22,000+M, dam and grand dam VG with records to 24,000M, 950F. Shelmar Acres 717-653-5663

For Sale - Service age bulls, sired by Bell and Julidi Elmer from excell. 91 2E dams, w/up to 24,000 lbs. of milk w/3 records over 1000 lbs. of fat w/up to 4.4 test. 215-593-6261

LIVESTOCK EQUIPMENT & SUPPLIES

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Holstein herd for sale by owner, part or all, 70% reg. 40 milking age, 20 heifers all ages records to 28,000 w/19,505 current M.E. 3.7% test w/62 lb. tank average. Average of ages 3 yrs. and 3 mths. 301-928-3164 or 301-928-3355

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18 Simmental cross steers for sale, weighing 600 lbs. 215-286-6528 or 215-286-5362

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Polled Hereford bull calves by Victorious K47U81. ADJ 205 WGTS 600+ lbs. Available until Thanksgiving at $500 each. Prices polled Herefords, 717-987-3395 evenings. Fulton Co.

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For Sale - 2 Registered Holstein bulls. 1 Paclamar Astronaut and 1 Pawnee Farm Arlinda Chief son. Both ET's nearing 2 yrs. old, out of EX-90 Elevation daughter with consistently high test. She made 22,350M, 4.1% test on 305 days as 4 yr. old and recently-completed lactation finished with 4.4% test, 24,710 M in 365 days. Records and pedigrees are available upon request. Call eve. 302/764-4863 after 7 p.m. On week-ends, call 301-758-0480

28 registered Holstein cows, DHIA rolling herd average 16,221, 4%, 642, mostly fall and early winter freshening, 2 cows milking over 100 lbs., calfhood vaccinated, Service sires-Jemini and Elvate, Glenn Johnson, Rockwood, PA 814-926-3669

100 Angus and Angus cross steers, 875 lbs. approx. cattle still on pasture. 301-838-5883

High prices paid for goat milk. See ad on page C6 for details. The Goat Works Inc. Lebanon, NJ 08833

CATTLE

Registered Polled heifers and cows, various ages, excellent bloodlines, New Trend Klondike and Victor. Visitors welcome. Paperhill Farm. 215-647-2432 or 215-647-2787

Beefalo for sale. Call 717-224-4460

For Sale - Registered Holstein bulls from top A1 sires, many available to select from. Star Rock Farms, John Barley 717-872-4058

Polled Herefords, 6 bred heifers, 25 feeder calves 4-500 lbs. Chester Co. 215-269-1994 evenings.

Twenty reg. polled Herefords, breeding age, cows with calves by side, bred cows, Domino and Murphy bloodlines. Harford Co., MD. Farmer prices 301-452-8621

2 ½ Limousins, 1 cow, 1 heifer bred to Black Mercedes, 1 1982 heifer calf. Howard Co. 301-489-4595.

Registered Jersey cows and heifers for sale. By A.I. bulls. Call 717-334-3926

Will raise your heifers, six months, till freshening time. Hay, silage, grain and minerals available. Lancaster County. Donald S. Eby, 3424 W. Pequea Lane. Gordonville, PA 717-768-3086

IH 706 tractor, 12' grain dump with blower, sale or trade for cattle. Warren Co. NJ. 201-746-3321 eves.

For Sale - Reg. and grade Holstein dairy herd, 40 milk cows and 8 bred heifers 717-837-3532

For Sale - reg. Angus cows, bulls, heifers. Orange Gate Farms, Maurertown, VA 22644, nights 703-459-3414

For Sale - Registered Charolais cattle. Bulls and cows. 609-358-8507

For Sale - Registered Polled Hereford bulls and bred heifers WGD Polled Herefords. 717-836-1907

7 Jersey cows, 4 Registered, all having records and all due in Fall. Days 201-879-5851. Nights 201-584-5054

8 Angus Heifers bred to Adventure Bull Exam. sale due Nov. $475 or best offer. 814-735-3293.

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12 raised farrowing decks with flush gutter manufactured by "Prairie", used only 4 mo. 18 Agstar farrowing crates with feed doors and water. 5-2x4' Stanfield heat pads. 6-5,000 BTU and 6-8,000 BTU Magic Ray LP gas heaters. Herdex breeding chart. 717-586-9503. Lackawanna Co.

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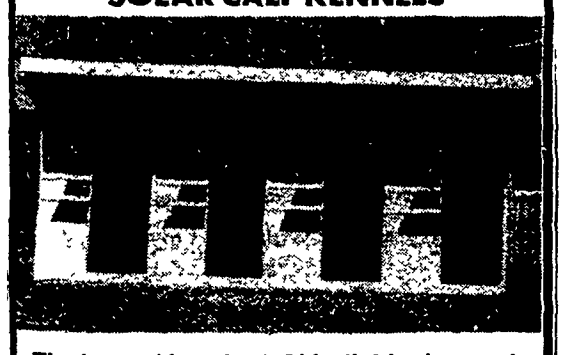

The kennel has 4- 4'x8' individual pens, is on treated skids, hay racks, feed troughs, bucket racks included. We make them any size or color made by order. Also calf shelters for older calves or heifers.

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Metal 16 head round sheep feeder, four and eight foot panels, holding chute, 3-way cutting gate, round bale feeders, dealer AFS Equipment Ribeye Ranch 717-642-5894 evenings.

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Reg. Dorset rams, both triplets 7 and 8 mo. old, Penn State, Sevick, Nix Bessie bloodlines, fair champion. 717-648-9034

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Small but top quality reg. Suffolk flock. Ewes for spring. Reasonable, Cumberland Co. 717-776-7858

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For Sale - Duroc boars & gilts. Sweigard Durocs, R.D. 3, Box 639, Halifax, Pa 717-896-3365.

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Registered Hampshire, Yorkshire, Landrace Boars, Bred and open Gilts, also Rams, Ewes. Preston Bankert. 717-244-1244

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

Primarily large white and Landrace cross gilts for sale out of a highly productive unit. Write to Melvin K. Fisher, 25 Quarry Rd., Paradise, PA 17562. Lancaster Co.

Duroc, Yorkshire and Spotted bred gilts for sale. Due to farrow July, Aug. and Sept. Others available on order. Also, boars and open gilts. Our Yorkshire boars at the Penn State test are the only pen at the present time each gaining 2 lbs. a day. Calvin H. Lazarus & Sons, 4290 Bridge St., Whitehall, PA 18052. 215-799-3375 or 3831.

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For Sale - Registered Hampshire boars. Service age. Contact Charles Bomgardner, R#3, Annville, PA 17003. 717-867-2890

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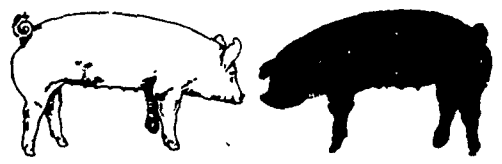
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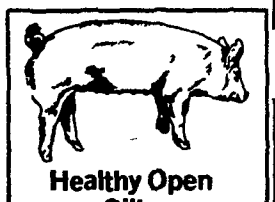
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80 bu. hog feeder, round 12 hole, 3 ring 78" high, New, never used $275. 6 Pride of the Farm farrowing crates. Used 2 years. Automatic float waters $200. each. Call 717-546-2233 or 546-2313

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For Sale - 2 Martin pig es, one 10'6" gates pig tight $70.00; one 11' gate pig tight $80.00. Six feeder pig cages 3'x6' $50.00 each. Five one hole pig feeders $6.00 each., cap. 90 lbs. 717-286-0332

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For Sale
20 crate farrowing house, Used, in good condition, 24'x50' Ag-Star.
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BABY CHICKS - Hubbard Leghorns, Golden Comets, Cornish Giants, Barred Rock, Reds and other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 79L Brodbecks, Pa. 17329, 717-235-2050

Farmer Automatic 4 deck cage systems, for pullets & layers. No pits needed in building. Reynolds & Yellott, 12800 Gores Mill Rd., Reisterstown, MD 21136. 301-833-1840

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Pullets - 1,200 ready to lay Hubbard Golden Comets, small or large orders, delivery can be arranged. Also Cornish Giant Meat-cross chicks hatching year-round. Case Hatchery, Brodbecks, PA 17329. 717-235-2050

Sal laying hens for sale. Started laying May 1st, 3.60 each. Call 215-777-0308

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300 Golden Comet pullets, ready to lay, Amos K. Lapp, 2 miles north of Leola on North Maple Road

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Wanted Lancaster Co. - 8000 to 9000 sq. foot chicken house to raise broilers on contract, house can be controlled environment or open air, call W.C. Mellinger and Son 717-656-2217

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Good used Stanomatic cage feeder, self-propelled, like new. Used laying cages. 717-586-9503 Lackawanna Co.

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Buyer of shelled or ear corn. John J. Hoober, Inc., Gordonville, Pa. Ph. 717-768-8481 or 768-3216.

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa.717-739-4586.

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

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Wood shavings, sawdust, kiln dried; bag or bulk, year round supply, excellent quality hay, straw and all horticultural products. Jerry Migli, Hobart, NY 607-538-9492

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

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Field corn on stalk or by ton. 300+ acres, Ford 6000 diesel. 814-355-7613

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Old ear corn, very nice, organic growing, $83.00 delivered. 717-656-7656

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sawdust, kiln dried, bag or bulk, year round supply, excellent quality hay straw and all horticultural products. Jerry Migli
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Dealer in small grains,
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5 trailer loads - $350
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Delivered in trailer load lots
Everything over 22 tons per trailer is free to you.
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Test analysis show analysis up to 33-69-32.
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USE POULTRY MANURE AND SAVE FERTILIZER DOLLARS

- Fertilize before small grain seeding
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For Corn and Soybean Fodder

Have truck and rollback - will bale in Lanc. Co. and surrounding counties.
Free use of fork for transporting bales while baling on your farm.
$5.75 per bale (includes tractor, baler, twine, fuel & operator)
100 bales or more - $5.50
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Two size bags to fit your needs
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CUSTOM ROUND BALING
For Corn and Soybean Fodder

Have truck and rollback - will bale in Lanc. Co. and surrounding counties.
Free use of fork for transporting bales while baling on your farm.
$5.75 per bale (includes tractor, baler, twine, fuel & operator)
100 bales or more - $5.50
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OIL COMPANY OPENINGS
Offshore rigs
No experience necessary.
Start immediately.
$35,000 plus a year. For information call 1-312-920-9677, Ext. 1370B

Experienced person to work on 150 cow operation. Feeding, scraping and once a day parlor milking, no field work required. Good working cond., w/full benefits. Call 215-444-3302 for information.

For rent - complete livestock facility in Southeastern NY, on farm rental housing available, good family opportunity, contact farm manager for details 201-832-2905

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Wanted - Man to milk 50 cows - also help with field work. Need conscientious person - DHIA records top priority. House and utilities included. Northern Balto. Co. call 301-329-6581

Married person, middle age preferred, must be experienced milker, house and milk furnished. 215-932-2764

Responsible and mature person with initiative for dairy farm work on Eastern Shore of MD. Must be experienced. References required. Good salary and benefits! + 2-bedroom house and utilities. Call eve. 302/764-4863 after 7 p.m. On week-ends, call 301-758-0480

Wanted - someone needed immediately to haul dairy herd from Lancaster Co. to Northumberland Co. 717-786-2140 as soon as possible.

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HELP WANTED
Expanding Southeastern Pennsylvania Farm Equipment Dealership has positions available for qualified, experienced Sales and Service personnel. Salesman position requires experience in Farm Tractor and Implement sales. One service position requires experience with Hay and Forage equipment. Another position requires general Farm Equipment knowledge and demonstration capabilities.
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We are looking for an individual who is currently working in an agricultural business with a "strong" background.
Join a company where the past October business sales volume has been better than 1981, which was one of the best! Forecast for the balance of 1982 is to exceed 1981 near-record sales!
Our product is a 'big ticket' item that lessens production costs of a farmer. Income potential is $35,000 plus. Territory would be Lancaster and Chester County areas. Inquiries are treated confidentially.
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P.O. Box 366, Lititz, PA 17543

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Person to work with livestock, can furnish 7 room house. 301-996-2022

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Experience necessary in the sale of seeds to farms, nurserys and stores, both wholesale and retail. Must have agricultural background and knowledge of farm tillage and management practices. Must be able to direct salesmen and office personnel in seed sales.
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Young Christian couple with small herd desires to lease or lease-purchase dairy farm for spring 1983. 717-442-8634

Experienced young man seeks work on dairy farm. 717-569-9379 evenings. Ask for Bruce.

I am seeking part time work in Kirkwood area. Experienced at farming, lumber yard work, also truck driving with class III license. Phone 529-2236 evenings

Sawmill Wanted - Operating or not to be moved to NJ, distance not important. Please call 609-653-1018, ask for Kevin or Dave.

Mennonite family seeks opportunity to rent dairy farm for Spring 1983. Would consider buying cows and machinery. 717-682-9391

Young woman looking for farm work in Lebanon or Dauphin County. Some milking experience. 717-272-6017

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An integrated Pa. egg firm is seeking a self-starting marketing person. This position will be responsible for shell egg and egg products. Send resume to Lancaster Farming, P.O. Box 366 D-16, Lititz, Pa. 17543.

An integrated Pa. egg firm is seeking a shell egg processing plant manager. Position is responsible for a 2 shift operation and plant supply ordering. Send resume to Lancaster Farming, P.O. Box 366 D-16, Littiz, Pa. 17543

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1965 Ford tandem axle w/Cummins engine and 3250 Calumet liquid manure tanks, good cond. $6500 717-285-3711

For Sale - 1979 Chevrolet 30 series truck w/17' aluminum - Jerr-Dam rollback bed, 25,000 miles, automatic transmission, excellent condition, $12,500. 717-463-2394

1968 IH 10 wheeler, chassie, gas, for sale, $3000. 215-584-6894

7x16' trailer. Tandem wheels, electric brakes, sides & ramp. Like new. Call (215) 857-3463

40' alum. flat trailer, side boards and canvas, 1974 Raven, $7000. 717-532-9271

For Sale - Tractor 5th wheel, $150, will sell parts off AC, WD and CA, Lebanon Co. 717-865-6860

For Sale - '69 Int. 2010, 549 engine, single axle tractor, asking $1,200. 40' Lowboy trailer, built for hauling hay, asking $1,100. Or both for $2,100. 717-865-3046 Lebanon County

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DUMP TRAILER, 22' box, 6' deep, on 27' frame. 10x20 tires, in good condition. Call evenings. 717-784-3928

1968 White, tandem axle, 48,000 GVW, with 6 cylinder gas engine, 500 bu. grain dump, 1 year old $6,000. 717-865-6710

1973 Mack cab over, twin screw, 325 Mack engine, 5 spd., good rubber, good cond. Presently leased to a trucking firm. $10,000 or reasonable offer. 717-532-9271

79 Ford F150 Ranger 302 auto., air, dual tanks, 26,000 miles. $5395. Also, '80 Ford F150, 6 cyl. 3 speed overdrive 25,000 miles, dark green, $5595. 717-733-8985 dealer.

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1976 Chev. C-20, crew cab, auto., ps, pb, air, 40,000 mi. on '81 motor. $1,595. dlr. 717-733-0690

IH dump 1967, 1700 series, 5+2, 12½' metal dump, 2' sides, 10 ton hoist, good glass and paint, 920 rubber, mud and snow, in good condition, $3,000 Northern, MD. 301-877-7015

1973 International 1700 14' dump, good tires, 5 + 2, air brakes, new paint, fiberglass front $4500. 301-829-0271

1978 Ford LN 7000 w/20' Van Body and Lift Gate 3208 Cat, power steering, 5 and 2, excellent condition. $9,750. 301-795-9631

For Sale - '81 Chevy heavy duty ¾ ton, 4 wheel drive pickup, 350 auto., PS/PB, two-tone paint, 8,600 GVW, regular gas, 9,000 miles, $8,250. 717-733-2873

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Restaurant and lunch counter, located at 2 Day Lancaster Farmers' Market, good traffic and income. 717-442-4279

MILK
The Fresher Refresher

TRUCKS & TRAILERS

73 IH 800 Load Star, 21' flat bed, power steering, 2 sp. rear, excell. running cond. and in good shape $3900, 201-637-6004

1975 Caterpillar lift, 951C 80% undercarriage, very good condition, also 1969 Ford tandem axle dump truck and 15 ton trailer. All for $22,000 or will sell lift separate. 717-532-8383 or 717-532-7887

1972 LN 9000 tri-axle 318, 10 speed, new 10x20 19' aluminum bed, 800 bu. capacity, excell. cond. after 8 p.m. 215-869-3375

1974 Ford F100, ½ ton pick-up with load extender springs, custom deluxe, great condition, 2-tone paint, deluxe interior, air conditioning, power steering and power brakes, no rust, radial tires; $2500 negotiable; (717) 397-2093, 285-3051 or 301-666-8477

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For Sale - 1979 Trail-et 2 horse trailer w/6' dressing room, 7' high, padded stalls and ramp load, mint condition, used 6 times, $3,800. 717-242-2089 or 248-2865

40' Pot Belly livestock trailer for corn crib. $500. 35 and 40' van trailers, 35 and 40' flat trailers. Keens 717-626-5420

New 2000 lb. utility trailer 5' 8' 16" sides ready for road, Blair Co. 814-224-4056. $425.

1972 Ford truck 225 Cat diesel, 20' grain box w/dump, 52000 GVW, $8,500. 717-739-4637

For Sale - '76 Chevy pick-up ¾ ton, V8 auto., 58,000 mile, blue, excell. cond. $3195
78 Ford panel van, F150, V8-auto., P/S 50,000 mile $3595.
'77 Chevy pick up ½ ton, 6 cyl., 3 speed, 55,000 mile $2895.
'80 Ford pick up F150, 6 cyl., P/S 3 speed and O.D., AM-FM 25,000 mile, dark green $5495. Call 717-733-8985

'79 Dodge 4WD short bed, power steering, auto. trans., air cond., FM cassette stereo, custom interior, cap, white spoke wheels, 18,000 mi., $6500. Harford Co., MD 301-676-0738

1972 Chevy C50 dump truck, 12' bed w/6' sides, new clutch and brakes, V8, 4 speed w/2 speed axle, heavy duty hitch, good tires, excellent condition. 717-225-5285

1975 Int. C01850B Cat diesel, 5&2, air brakes, 27,500 GVW, as is, asking $4500. 717-354-9947 7 a.m. - 5 p.m.

1960 IH truck, 2 speed, rear 6 cyl., 21,000 tag 8:25 - 20 tires, 12' flat body runs good, newly inspected, call 215-926-3756 or best offer.

1974 General Low Boy trailer, 6 ton, 2 axle, electric brakes, good condition. 717-225-5385

TRUCKS & TRAILERS

For Sale - 10' wood livestock body; 12' wood livestock body; 20' wood livestock body; 26' alum. livestock body; 12' wood livestock body. M. H. Eby, Blue Ball 717-354-4971.

1975 F600 Ford Truck. 26,000 GVW, 5 speed-2 speed, 16' dump stake body, excell. cond. Lacka. Co. 717-587-1271.

77 1 ton Dodge truck w/3 axle 32' flat bed gooseneck trailer, sold together or separate 717-597-7476.

TRUCKS & TRAILERS

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500. 215-286-9510

2½ ton, 5 sp. high-low range Army trucks, 1 gas, 1 diesel, 9:20 tires, tandem axles, $3400 gas, $4200 diesel. 609-769-3183.

Army Trucks - diesel, 5 speed, high-low range, tandem axle, 900:00x20 tires. $4,200. 609-769-3183

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5'x10' Mini Gooseneck for Mini-Trucks	$1,795.00
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Used Trailers

Hillsboro 26' Flatbed Gooseneck with ramps - Tandem axle Dual Wheels	$7,000.00
King 2-Horse Deluxe	$2,395.00
Hillsboro 20' Flatbed Gooseneck w/ramps (like new)	$4,500.00
Moritz 6x18' Utility 7000# G.V.W.	$1,695.00

TRUCKS & TRAILERS

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TRUCKS & TRAILERS

PICK UPS

1981 Chevy C20 Crew Cab, 292 6-Cyl., Auto., PS, PB, AM-FM, Air Cond., Dual Tanks, 23,000 Miles $9495

1980 Chevy C10 Custom, 260 6 Cyl., 3 Speed, AM Radio, 20,000 Miles $5995

1980 Chevy C-30 Bonanza, Camper Special, 350 V8 Auto., PS, PB, Air Cond., Dual Tanks, 9000 GVW, Cap, 2 Tone Paint, Only 14,000 Miles $8995

1979 Chevy C-20 Cheyenne, Trailer Special 454 V8, Auto., PS, PB, Air, Tilt Wheel, Dual Tanks, AM-FM, 8200 GVW, 34,000 Miles $7495

1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio. $5795

1979 Ford F100 Custom, 302 V8, 3 Speed, PS, AM Radio. . . $4995

1978 Chevy C20, with Reading Utility Body, 292 6 Cyl., Auto., PB, New Paint $4895

1978 GMC Shortbed, 6 Cyl., Auto., PS, PB, AM-FM, Air Cond., Cap, 1 Owner Truck, 33,000 Miles $4995

1977 Chevy C10 Scottsdale, 350 V8, Auto, PS, PB, AM Radio, Rally Wheels, Alum. Running Boards, 2 Tone Dk. Brown & Buckskin, 32,000 Miles $5295

1977 Chevy C10 Silverado, 350 V8, Auto., PS, PB, Power Windows & Locks, Cruise Control, Tilt Wheel, AM-FM, Dual Tanks, Sliding Rear Window, 2 Tone Paint $4995

VANS

1982 Chevy Conversion Van, 6 Cyl., Auto., PS, PB, Air Cond., AM-FM & Tape, CB, only 7000 Miles - Like New. $15,900

1981 Ford E100 Econoline, 6 Cyl., Auto., PS, PB, AM Radio, Dual Tanks $6895

1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio. $5495

1979 Ford E150 Econoline, 351 V8, 3 Speed Standard, PS, PB, AM Radio, 45,000 Miles . . $4995

1979 Chevy 8-Passenger Beauville, 350 V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cruise Cont., AM-FM Stereo, 33 Gal. Tank $8995

1977 Dodge 8 Passenger Royal Sportsman, Trailer Special, 440 V8, Auto., PS, PB, Air Cond., AM Radio $6995

1977 Chevy Short Wheel Base Window Van, 5 Pass., 350 V8, 3 Speed Standard, PS, PB, AM-FM & 8-Track $4295

SUBURBAN

1979 GMC Sierra Classic Trailer Special, 400 V8, Auto., PS, PB, Duals, Air Cond., Tilt Wheel, Cruise Cont., Posi-Rear, Hi-Back Buckets, 2 Tone Brown Metallic & Tan $9885

1979 Chevy Scottsdale Suburban Trailer Special, 454 V8, Auto., PS, PB, Air Cond., AM Radio, 30,000 Miles $6995

1973 Chevy Suburban, ¾ Ton, 350 V8, Auto., PS, PB, AM-FM $1995

4 WHEEL DRIVES

1981 Chevy Scottsdale, 305 V8, Auto., PS, PB, Twin Tanks, AM-FM Stereo, Auto. Lockout Hubs, 24,000 Miles . . $8995

1981 Dodge Short Bed Stepside, 318 V8, Auto., PS, PB, AM-FM, Bucket Seats w/Console, Rust Proofed, Dark Blue Metallic w/Gold Pin Striping, Only 9,000 Miles $8995

1980 Dodge W200 w/Myers Power Angle Plow, 318 V8, Auto., PS, PB, AM-FM, Dual Tanks, Lockout Hubs, All Black w/White Toneau Cover, Like New $8995

1980 Chevy Blazer Silverado, 350 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel, Lockout Hubs, 25,000 Miles $9895

1980 Ford F-150, Custom, 300 6-cyl., 4 Speed, PS, PB, AM-FM Stereo $7995

1980 Chevy Blazer, 6 Cyl., 4 Speed, PS, PB, AM-FM Stereo, Lockout Hubs $8495

1979 Ford F150 Ranger XLT, 400 V8, Auto., PS, PB, Air Cond., AM-FM, Dual Tanks, 2 Tone Blue & White, Chrome Running Boards $7995

1979 Dodge Ramcharger, 318 V8, Auto., PS, PB, AM-FM . . . $6995

1979 Chevy Blazer, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Rust-Proofed, 2 Tone Paint $8495

1979 Ford Bronco Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 34,000 Miles, 2 Tone Red & White . . . $8695

1979 Ford Bronco Ranger XLT, 351 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, 2 Tone Maroon & Black w/White Roof $8995

1979 Dodge W150 Pickup, 360 V8, Auto., PS, PB, AM Radio, Cap, Very Clean $6995

1979 Chevy Short Bed Fleetside, 350 V8, 4 Speed, PS, PB, Lockout Hubs, AM Radio, 42,000 Miles $6995

1979 Ford F150 Ranger, 351 V8, Auto., PS, PB, AM-FM Stereo, Lockout Hubs, Sliding Rear Windows, Emerald Green w/White Spoke Wheels and New 1200 Tires, 1 Owner, 29,000 Miles $7995

1978 Dodge Ram Charger, 318 V8, Auto., PS, PB, AM Radio, All Black w/White Spoke Wheels $5995

1978 Plymouth Trailduster, 360 V8, Auto., PS, PB, AM Radio, Chrome Slot Wheels, 2 Tone Maroon & Silver, 39,000 Miles $6995

1978 AMC Jeep Wagoneer, 6 Cyl., Auto., PS, PB $4995

1977 Dodge Shortbed, 318 V8, Auto., PS, PB, AM Radio $4995

STAKE BODY

1979 Ford F350, 12' Stake Body, 460 V8, Auto., PS, PB, AM-FM Stereo, Dual Wheels, 10,000 GVW, 15,000 Miles $7995

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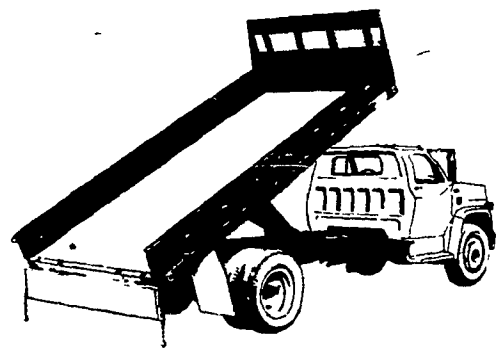

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Suzuki, 1980 GS450T, maroon metal flake paint w/pin stripes, polyglycoat, star wheels, 6 speeds w/LED gear position indicator, storage compartment under seat. Many extras. Before considering spending $1000 more for 1982 bike, check this one out. Perfect condition, garage-kept, never intentionally rode in rain, sharp looking, $1300 negotiable. Call 717-285-3051 or 397-2093

'80 Dodge Omni, 4 door, 4 cyl., 4 speed, 36,000 miles, dark brown, excellent condition, $3,250. 717-733-2873

'81 Buick Century, V-6, 4 dr., auto., ps, pb, air, cruise control. dark blue with tan interior, $5,950. dlr. 717-733-0690

1980 Impala, sm. V-8, 4 dr., auto., ps, pb, air. dlr. 717-733-0690

'81 Mercury Zephyr 4 door, 6 cyl., auto., PS/PB, air, cruise control, 32,000 miles, black, $4,250. 717-733-2873

RECREATIONAL VEHICLES

1979 Coachmen travel camper, 23½' long, sleeps 8, exc. cond. 717-532-7054

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Nicely marked reg. border Collie pups, 6 wks. old, has shots, call evenings. 717-284-2176

AKC Mastiff puppies, 6 wks., old. Lanc. Co. 717-529-6535

Puppies Wanted - AKC, purebred, mixed. 717-442-4259 or write 296 S. Vintage Rd., Paradise, PA 17562

For Sale - Wiste pups, AKC Registered. Benuel M. Fisher, 3 miles south of New Holland, Peters Road, R.D. 2

AKC Old English sheep dogs, 7 female, 2 male, $800 for all, ages 8 mts. to 7 years, no Sunday calls 717-898-2539

Golden Retrievers, AKC, guaranteed healthy, champion lines, 2 litters ready. Orwigburg 717-943-2920

AKC reg. Collie pups, nicely marked. $75. 717-738-1322

MISCELLANEOUS

Solar Heat price breakthrough (Creode® 2), 10,000 BTU per day average, portable lifetime unit is $39.95, shipped assembled factory direct, satisfaction guaranteed. Free literature. Dealer inquiries welcome. Creode® 2, R.D. 1, Box 183, Howes Cove, NY 12092.

HOUSEHOLD GOODS

For Sale - Prizer Cook Stove, excellent shape. 215-593-5754.

For Sale - Old fashioned Treadle Organ, make offer, 215-489-9413

Whirlpool elec. range, best offer. Northumberland Co. 717-786-2140 as soon as possible

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

AKC Siberian husky puppies, blue eyes, shots, wormed, $150. 215-593-2260

Reg. Border Collies, imported bloodlines, good stock dogs, working parents. 717-222-9656 and leave message.

Austrilian Shepherd pups from working parents. Excellent pets or herding dogs. 814-238-1238 after 8 P.M.

For Sale - Purebred Border Collie puppies. 717-362-9233

For Sale - AKC Golden Retriever dogs. 3 mths. old, need good homes, $100 each call 717-437-3348

MISCELLANEOUS

For Sale - Flourescent lights 2'x8' with 8-4' bulbs $15 each. Call 215-932-8499

For Sale - Welded mesh wire 4½' wide 10' long, $3.00 per sheet, 4'10"W 8'L, $2.75 per sheet, 28"W10'L, $1.50 per sheet, all 1"x2" mesh, also 28"W 10'L 1"x1" mesh, $2.00 per sheet, delivery available. 717-354-9840

SELECT PECANS! 5 Pounds. $14.75 Postpaid. Satisfaction Guaranteed. Recipes included. Andover Farms, Magnolia Springs, Alabama 36555

Kiln dried yellow pine 1x4 .30 pr. b.f. Also 1" cedar lumber .80 b.f. Southside Woodcraft, E. Church Street, 2 mile from Reamstown or call Elaine 215-267-3609

Kirkwood Fabric, open Monday to Friday 8 to 4:30, Saturday 8 to 12 50,000 yd. fabric 95 cents a yd. Also some from 15 cents to $1.75 yd. Two new lots from stores going out of business. Retail to $10.00 yd. Our price 95 cents a yd. New lot buttons 50 cents cupfull. Elastic 5 cents to 10 cents yd. Zippers 10 cents to 20 cents ea. Many more items, 6 miles south of Quarryville, 8 miles North of Oxford; in Kirkwood off 472 along Mapleshade RD.

SALE/LEASEBACK program for late Model farm equipment. Mr. Read 717-354-9629 7-10 P.M.

Wanted - wood and coal stove combination, must be in good cond. 717-786-2839

For Sale - Good used storm front carriages. 717-354-7561. RD2, Box 267, East Earl, PA 17519

GE mobile radio system, w/2 mobile units, base station and antenna, used 3 months, $1,495. 717-569-7091 days. 717-898-8644 evenings.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

DRUMS & BARRELS - New and used plastic steel and fiber. Fresh, empty wooden barrels for wine & cider. Local and Long distance delivery. Reliable Recyclers, Inc. 114 S. Maple Ave., Leola. PA 717-656-4211

PHASE CONVERTERS RUN 3 PHASE MOTORS ON SINGLE PHASE IN STOCK 1½ TO 10 HP. AND UP ON SPECIAL ORDER. FOR MORE DETAILS PHONE 717-676-4504

Guineas, live, dressed, keets; dog houses; fish worms. 717-687-8041.

Sawdust for sale and calf hutches built. 717-432-2415 or 2883

Storage in barn, farm equipment or animals, trucks, autos., boats, furniture, trailers, etc. 215-667-5329.

MISCELLANEOUS

REPOSSESSED SIGN! Nothing down! Take over payments $58.00 monthly. (4'x8') flashing arrow sign. New bulbs, letters. Hale signs. 1-800-626-7446 anytime

For Sale - 8' fiberglass topper for Ford $300. and two 175-70R-13 summer tires $25.00 each. Two 165R-13 snow tires $25.00 each. 717-286-0332

For Sale - 2 Wooden wheel barrows $50.00 each. Cedar tub 34" deep x 52" wide, holds water $75.00. Lancaster County 717-627-2550

For Sale - Fairbanks platform scales, good condition. Phone 717-768-8923

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I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.
I need good healthy, clean pups, pure & mixed breeds, 6-8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you! Paying up to $75 for extra cute mixed breeds.
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Pages B36 thru B43

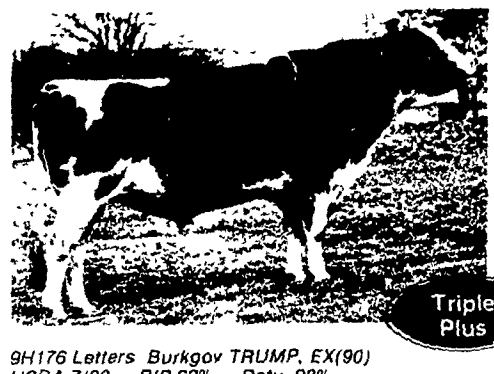
Sire Power Holiday Special

Pick 4 Bulls

+1911 P.D. Milk
Average of Top 4

$7.50 Per Unit

Save $140
Maximum Savings



9H176 Letters Burkgov TRUMP, EX(90)
USDA 7/82 RIP 62% Rpty 98%

1262 dtrs , 621 herds	17,889m	3 7%	654f
Pred. Diff.('74) +$227	**+1,722m**	**+.00%**	**+62f**

Pred. Diff. Type +0.03, Rpty. 96%

TRUMP *is an outstanding strength, body depth, rear udder width, and rear udder height improver*

From

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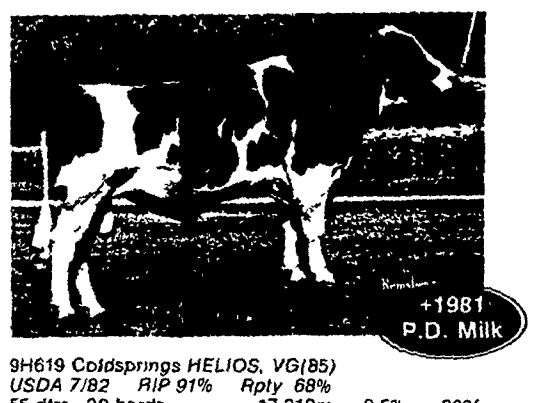
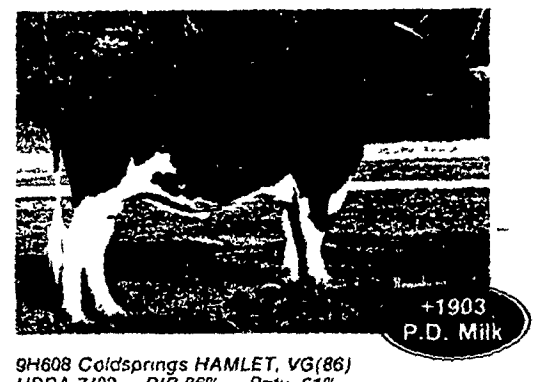


9H619 Coldsprings HELIOS, VG(85)
USDA 7/82 RIP 91% Rpty 68%

55 dtrs , 38 herds	17,312m	3 5%	603f
Pred. Diff.('74) +$226	**+1,981m**	**-.13%**	**+51f**

Pred. Diff. Type -0.37, Rpty. 57%

HELIOS *is an outstanding stature, disposition, and rear udder, height and width improver*



9H608 Coldsprings HAMLET, VG(86)
USDA 7/82 RIP 86% Rpty 61%

37 dtrs , 33 herds	17,840m	3 5%	618f
Pred. Diff.('74) +$196	**+1,903m**	**-.20%**	**+37f**

Pred. Diff. Type -0.05, Rpty. 60%

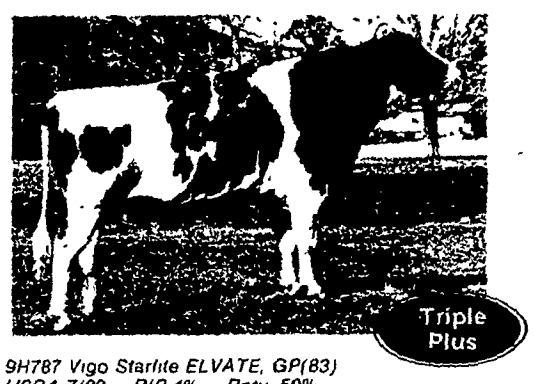
HAMLET *is an outstanding disposition, strength, body depth, rump angle, rear udder width and height improver.*

9H557 Killdee Astrochief WISEMAN, VG(85)
USDA 7/82 RIP 14% Rpty. 84%

100 dtrs., 72 herds	17,112m	3.6%	622f
Pred. Diff.('74) +$187	**+1,471m**	**-.03%**	**+49f**

Pred. Diff. Type +1.77, Rpty. 84%

WISEMAN *is an outstanding strength, fore udder attachment, rear udder width, and height improver. He also sires outstanding disposition and milking speed improvement.*

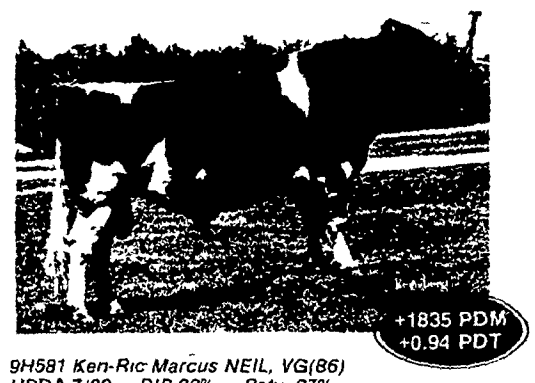


9H787 Vigo Starlite ELVATE, GP(83)
USDA 7/82 RIP 4% Rpty 59%

29 dtrs., 19 herds	20,113m	3 8%	757f
Pred. Diff.('74) +$175	**+1,253m**	**+.04%**	**+51f**

Pred. Diff. Type +1.20, Rpty. 61%

ELVATE *is an outstanding overall rump improver both angle and width He also sires outstanding milking speed and rear udder height and width*

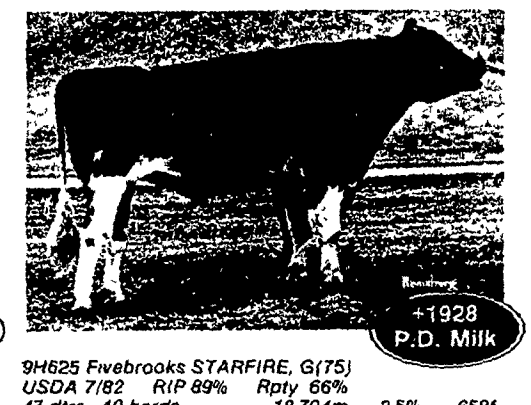


9H581 Ken-Ric Marcus NEIL, VG(86)
USDA 7/82 RIP 23% Rpty 67%

43 dtrs , 38 herds	18,682m	3 4%	637f
Pred. Diff.('74) +$173	**+1,835m**	**-.25%**	**+26f**

Pred. Diff. Type +0.94, Rpty. 75%

NEIL *is an outstanding strength, body depth, and center support improver*



9H625 Fivebrooks STARFIRE, G(75)
USDA 7/82 RIP 89% Rpty 66%

47 dtrs., 40 herds	18,794m	3 5%	658f
Pred. Diff.('74) +$229	**+1,928m**	**-.09%**	**+55f**

Pred. Diff. Type -1.16, Rpty. 53%

STARFIRE *is +1928 Predicted Difference for Milk, and he improves rumps and udders.*

The 1982-83 Holiday Special is the **best sale in Sire Power history.** The top four bulls average **+1911 P.D. Milk.** All seven bulls average +1728 P.D. Milk. The average price is $7.50 Per Unit.

The Sale begins September 20, 1982 and will continue while supply lasts, but will definitely end December 30, 1982.

How does it work? Seven bulls to choose from . . . Select the four (4) bulls you want, (10) units from each bull, **a total of 40 units. Sale Price $300.00.** You may purchase more than one Special if you desire.

This Semen Special is available to all dairymen whether or not you breed your own cows.

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LAS 2 199

Go along on favorite ag escape

BY DICK ANGLESTEIN

WERLEYS CORNER — What do you do, when you want to get away from it all for awhile?

When the bills start piling up and another piece of machinery goes down, where do you like to escape to?

Perhaps, slip out into the barn;

Or, duck into the workshop and lock the door behind you;

Maybe, a walk down through the lower pasture or the woods next to it.

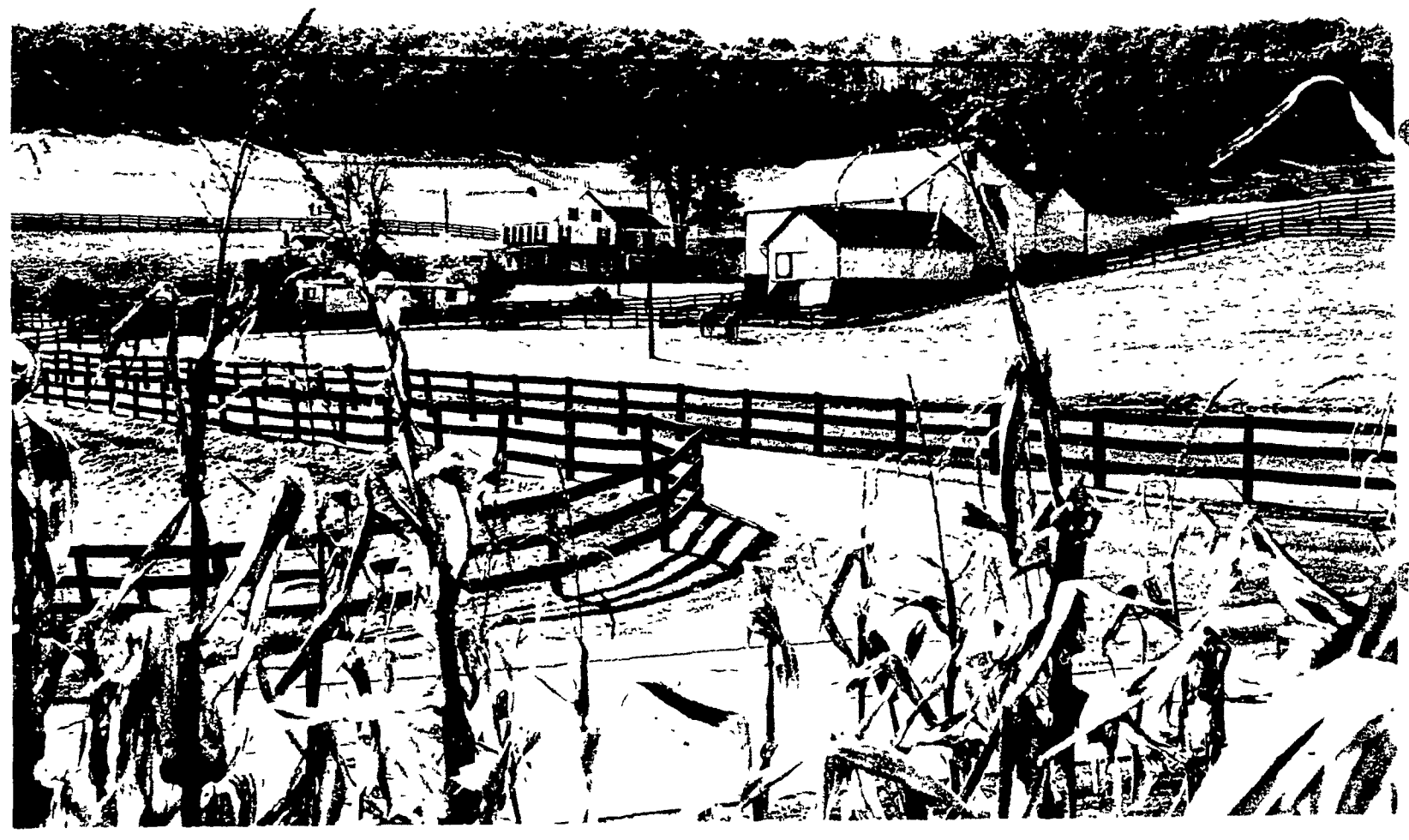
As a last resort, jump into the tractor, turn up the radio and just drive off over the fields.

Well, I can't do that. I don't have a farm and the last one in our immediate family went across the block a number of years ago.

But I do have my ag escapes.

I live in the immediate environs of some Lancaster County farmland and if I feel like walking, I take a five or six-mile stroll through it.

I can hear cattle lowing and horses whinnying from my home so it's like walking through the neighborhood. On a warm summer night, the nocturnal yapping chorus of farm dogs drifts in through the open bedroom window.



A little bit of transplanted Kentucky

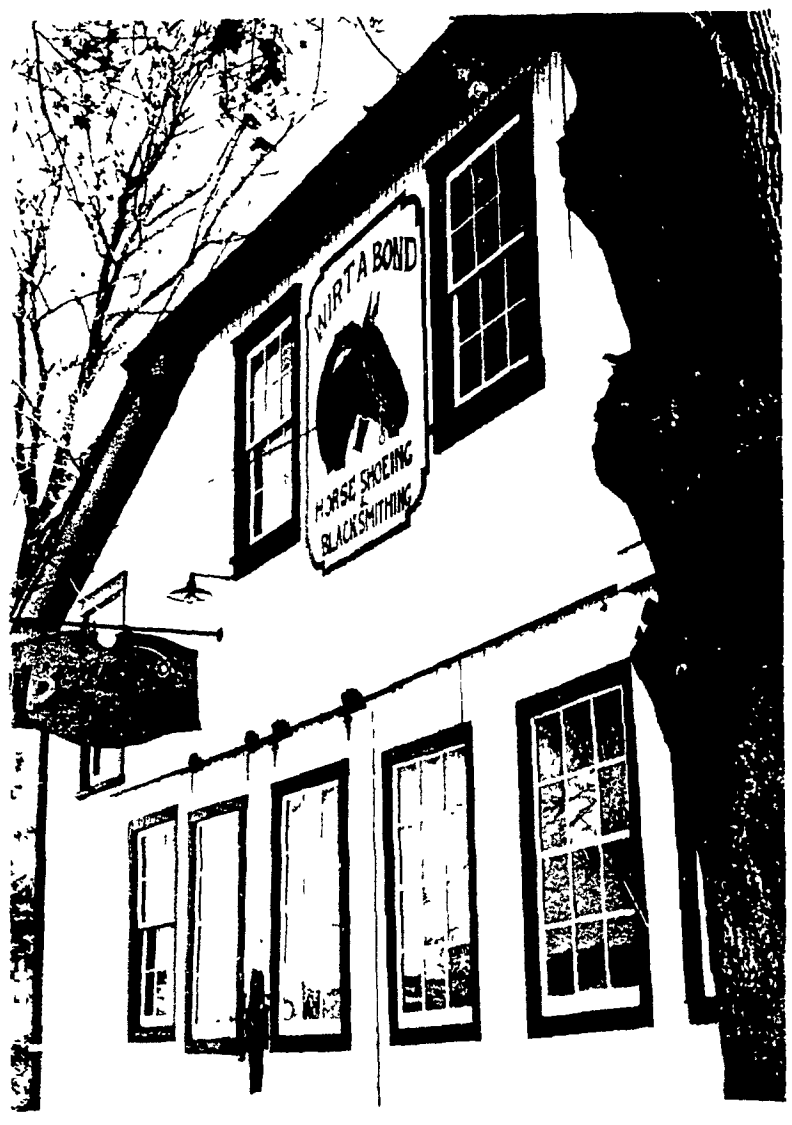
Photos by Dick Anglestein

The walk takes me past Amish farms, horses, sheep, crops of all kinds, orchards and many other

(Turn to Page D3)

Some of the history

Magnificent barns



Kempton, Pa.

Werleys Corner, Pa.

To beautiful Kistler Valley

(Continued from Page D2)

sights that spell r-e-l-i-e-f for office- tired eyes.

But if I really want to get away from it all, I hop in the pickup and go for a two-hour jaunt to my favorite ag escape – the beautiful Kistler Valley, which extends from the northwestern tip of Lehigh County into Berks County.

Off and on, I've been visiting the valley for the last couple of decades and even in these days of galloping urban expansion, it has remained one of the most beautiful, unspoiled farming areas in the state,

To get there, use the Schaefer brewery at Rts. 22 and 100 west of Allentown as a reference point. Drive north on Rt. 100 for exactly five miles and hunt for a concrete divider in the road. It's just beyond the long downhill where you turn off for the Trexler Game Preserve.

At the concrete divider, turn left following the signs that say Werleys Corner, Lynville and Kempton.

Then, sit back and just relax and enjoy the visual farming feast that will unfold before your eyes.

As you drive west, first make sure you don't miss the Blue Gate Horse Farm. With its criss-crossing fences and rolling fields, it's a little bit of Kentucky transplanted in Pennsylvania.

Then, just a little bit farther and you're in downtown Werleys Corner.

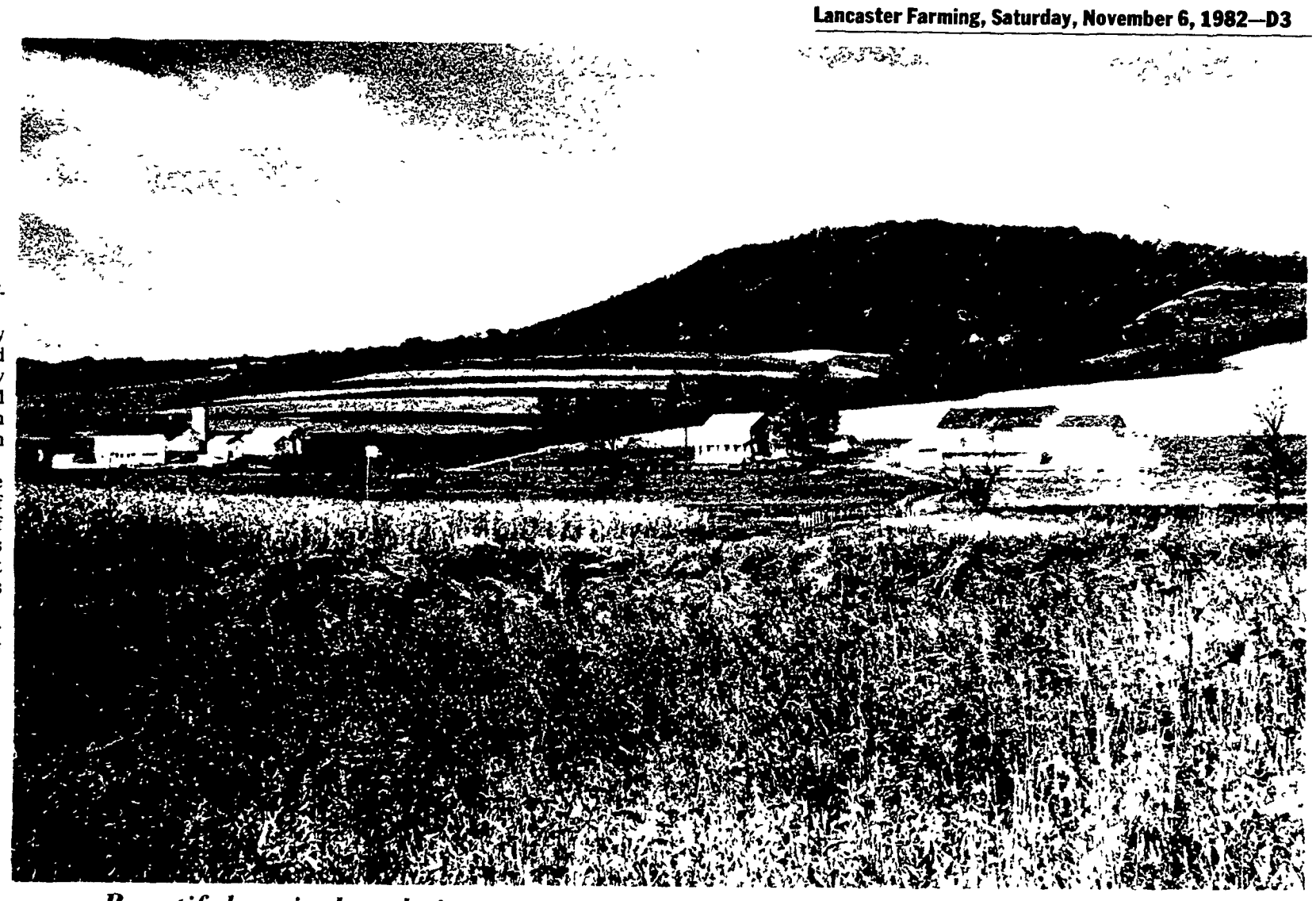
Stop in at the trim red and white farm hotel on the crossroads and say hello to Burgermeister Sterling Zimmerman.

Werleys Corner is a typical rural hamlet and even the painting above the bar has an ag motif, showing a fall plowing scene.

It helps to speak the native language – Pennsylvania Dutch – in Werleys Corner, but the second language of English is accepted.

Saturday night at Werleys Corner is a Dutch delight. Occasionally, some outlanders drop in to see the "natives." Little do they know that the natives are having the last laugh as they converse in Dutch with straight faces.

A bit farther down the road past Werleys Corner, look to the right and admire the Laudenslager barn. The animals painted on it look like they came right out of an 1870 American Agriculturist. If the barn looks familiar, it should. It was featured in the 1976 John Deere calendar.



Beautiful agricultural vistas

On either side of the valley road unfolds an agricultural panorama of unbelievable beauty. Sweeping farming vistas extending off in every direction compete for the attention of your eyes. There are poultry operations, hogs, Hereford cattle and dairy farms – large and small.

Pictured on the accompanying pages is just a teasing sample of what you can see. Use your imagination when you view the photos. To get a full appreciation, you must paint in your own muddy golds for the corn, the bright reds and whites for the buildings or the even brighter yellows and rusts in the leaves.

I've left out some photos from operations I've photographed in the Kistler Valley in the past. Like the large Dietrich dairy operation or the new Rothrock Golden Holsteins.

If you're adventuresome. take any of the side roads and more rural pulchritude is yours for the extra few miles.

I recommend a left at Werleys Corner and driving just about a mile to the top of the hill. Then, view the valley in all its glory and beauty.

The side roads even have ag origins. There's Creamery Road, as well as Tannery and Blacksmith Roads. And what's more farming in Lehigh County than Gruber Road.

As far as I know there's only one manufacturing operation in the valley – a tiny sewing machine factory. But you'll drive right by it and not even know.

From the Blue Gate Horse Farm to the Wirt A. Bond Horse Shoeing and Blacksmithing shop as you pull into Kempton, it's a breathtaking 10 miles.

It's my ag escape.

From autumnal drives to New Year's Eve at Werley's Corner and later at the Kempton Community Building for breakfast, it's among my favorite farming locales where I can catch my breath and just pause a bit to drink in the surrounding agricultural beauty.

I've visited and photographed farms from the cost of North Carolina to the coast of Oregon and from the Mexican-Texas border to the sweeping plains of Canada, but I've never found a more beautiful area or more beautiful people.

Some of them are gone now. Gone are Sadie and Milt. We all miss them.

But still there are Sterling and Florence, Forrest and Nancy.

Well, perhaps someday.

Hang on to that woodland, Sterling, Perhaps one day I can make you an offer you can't refuse.

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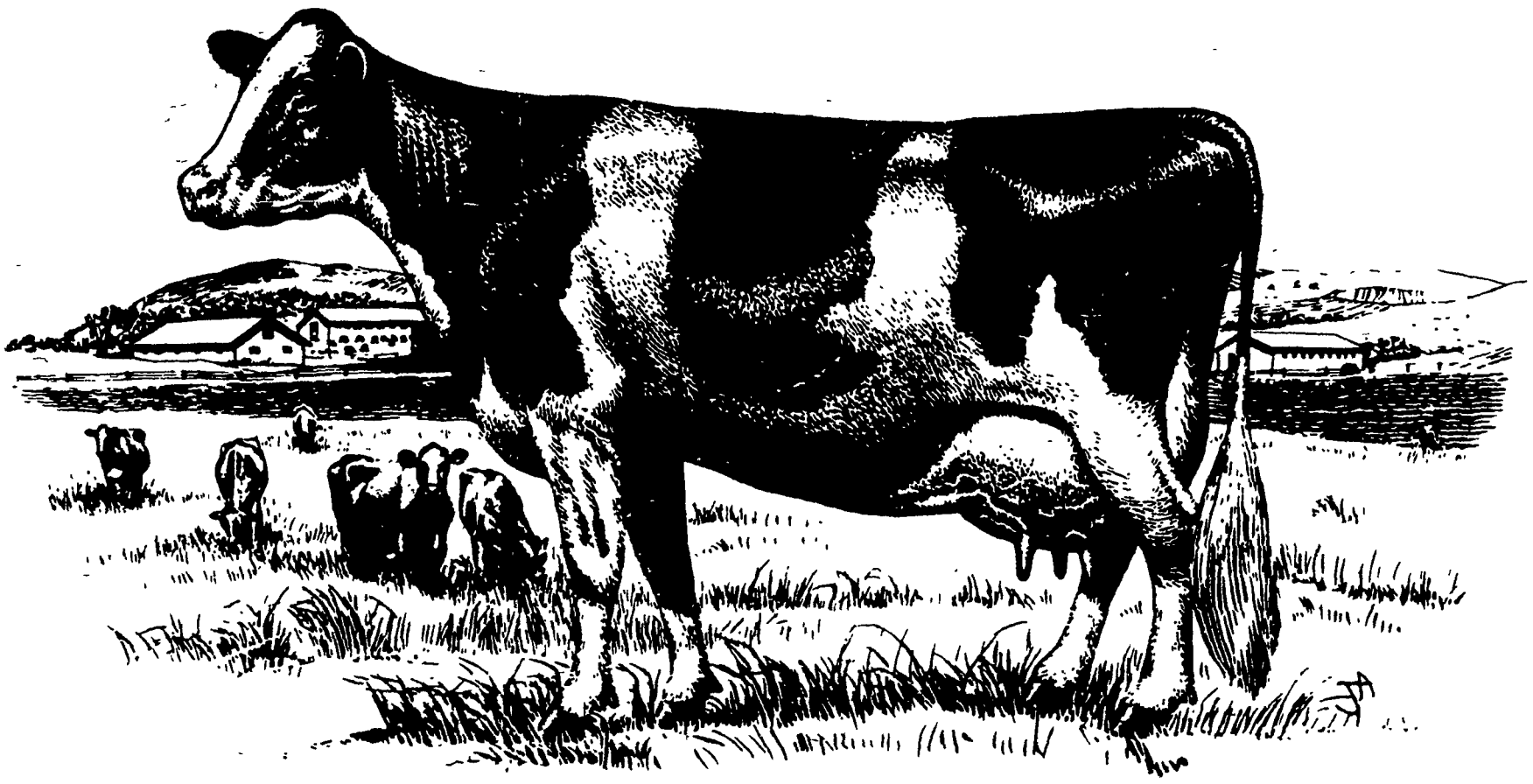

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Flat Stone Lick cows earn coveted crown

BY SHEILA MILLER

MARIANNA — A Pennsylvania Polled Hereford breeder recently received one of the highest recognitions awarded by the American Polled Hereford Association. Flat Stone Lick farm, a family-owned-and-run Washington County beef breeding farm, was first on the list of 136 Polled Hereford farms throughout the nation for having the highest number of Benchmark Dams. The western Pennsylvania farm boasts seven of their homebred cows having earned this newly created female distinction.

According to APHA, this is the first time it has awarded the Benchmark honor to the breed's top, most consistent female producers who represent the top maternal qualities of the breed. Through the use of APHA's Guide Lines Programs, a total of 215 Benchmark Dams were selected based on the following criteria:

- A Benchmark Dam must have had at least three calves, the most recent one during the period of January 1981 through February 1982.
- The weaning records for all her calves must have been recorded in the APHA's Guide Lines Program, and the average weaning ratios of her calves must rank her in the top 25 percent of the herd of her present owner.
- She must have had her first calf prior to turning 25 months of age and have an average calving interval of no longer than 365 days after her second calf. To allow for breeders who calve their two year olds before the mature cows, the interval between her first and second calf can be 395 days.

Flat Stone Lick's top female producers are only seven in a herd of about 100 breeding age cows — all registered Polled Herefords. But they are the "cream" of the cattle crop which owners Joe and Louise Midla (parents), Les and Nancy Midla (son and wife) and 16-year-old Lowell Midla (son) can be extremely proud of.

As son Les lists the Benchmark Dams, during a telephone interview with **Lancaster Farming**, he begins with FSL Top Girl 292 37I, a five-year old daughter of Top Guy out of FSL Miss Oak Lamp 5. With three calves to her record, this cow indexes 111 in the Flat Stone Lick herd. This score represents the weight ratio of her calves and shows the cow's consistency, Les explains.

Digressing briefly, Les explains that Top Guy is a well-known bull within the Polled Hereford breed, having won the grand champion honors at a Standard of Perfection Show in Knoxville, Tennessee and reserve grand champion honors at the North American Livestock Exposition in Louisville, Kentucky during his showroad career. His win at Louisville was in 1975 when he was only two years old.

As a sire, Top Guy ranks as one of the few Polled Hereford bulls with postive scores for weaning and yearling weights, and estimated breeding value. The 1982 Polled Hereford Yearbook shows Top Guy's score for weaning weight at +7.4 pounds, with a yearling weight score of +4.1 pounds. His estimated breeding value at 106 shows that this bull is 6 percent better than the breed average for producing offspring with sound maternal traits. His calving ease score of −1.9 pounds indicates most cows have little problem giving birth to this bull's calves.

Since Top Guy is the herd sire for Flat Stone Lick, it's understandable why pride is heard in Les's voice as he talks about this Polled Hereford bull. "It's an exciting thing for us," he admits. "Some of the popular Polled Hereford bulls have good weaning and yearling weights, but they don't necessarily have good birth weights and maternal traits."

The better than average EBV score for Top Guy was the result of sampling nine different herds having his female offspring. The score is an indication of how well his daughters milk and wean a calf at two years of age, explains Les.

This year's calf crop at Flat Stone Lick is made up of 78 Top Guy calves, with the remainder representing ten other A.I. sires.

Getting back to his Benchmark Dams, Les lists the remaining six:

- FSL Top Girl 29243I, another Top Guy daughter with three calves to her record and an index of 105;
- FSL Top Girl 29248I, sired by Top Guy, has an index of 111 and three calves;
- FSL Lady Beaumode 49, a Pleasant A Beau M 8Z daughter with four calves and an index of 110;
- FSL Lady Beaumode 38, another "Beau" daughter with four calves and an index of 115. (This cow produced the top-indexing Polled Hereford bull at last year's Ohio State bull test. The bull, which topped a field of 35 bulls with a half-pound more gain per day, is sired by another Flat Stone Lick homebred bull, three-year-old FSL Vic J Banner 32L, who also sired the top-gaining Polled Hereford bull at Penn State's 1982 bull test.);
- FSL Miss Victory 4, a Victorious K47 U81 daughter, with five calves to her record (including FSL Vic J Banner 32L) and an index of 109; and
- FSL Lady Spidel 24G, a FPP Choice Anx Spidl daughter with five calves and an index of 109.

Flat Stone Lick females have been managed for their maternal traits through APHA's performance testing program for the past 15 years, Les says. The program, he adds, helps determine "which cows are consistent producers and which wean a calf at a young age."

Flat Stone Lick Farm of Marianna, Washington County recently received the coveted title of Benchmark Dam on seven of their homebred Polled Hereford cows. This is the largest number of Benchmark Dams owned by one farm in the entire U.S. Posing with one of their outstanding females are: from left, Joe and Louise Midla, parents; Nancy and Les Midla, with children Brendan and Kimberly; Lowell Midla, at halter of FSL Miss Victory 4; and fulltime farm hand Nelson Murphy.

The first Polled Hereford to set foot on Flat Stone Lick's 500 acres was a purchased bull that was bought by Joe Midla in 1958 to service his herd of horned Hereford cows. Les recalls how his father only kept polled calves from these cows and quickly converted his herd to strictly "hornless" Herefords.

What prompted the switch, says Les, was economics. He remembers how horned feeder calves lost their demand during the late 1950s; and how horned calves were "docked" in price when they went on the auction block. "Dehorning was too costly to the cattle feeder," he says.

Now the polled cow herd at Flat Stone Lick numbers a consistent 100 head. Waiting in the ranks as replacements are 31 yearling heifers, all the result of careful breeding and management.

Keeping this number of Polled Hereford cattle in top condition also requires management and planning. To provide the feed they need, the Midlas plant about 40 acres of corn each year of which 10 acres are harvested for silage and the rest is picked for grain. Roughly 15,000 bales of hay are stacked away for winter.

Approximately 400 of Flat Stone Lick's total acres are used as pasture for the cattle. These orchardgrass meadows are rotationally grazed for maximum use throughout the year.

When asked how the family decided on calling the farm Flat Stone Lick, Les explains the name was patented in 1769. The Midla family's ancestors dubbed the farm Flat Stone Lick because deer were often seen licking the stones in nearby fields, he says.

Now, the third generation of Midlas is about ready to follow in the footsteps of the Polled Hereford herd founder Joe Midla. Les and Nancy's children Kimberly, 9, and Brendan, 6, already have cattle of their own. Just this past summer, Kimberly exhibited her heifer to the champion honors of the Pennsylvania Polled Hereford Junior Assn. Show. That same day, the heifer was tagged reserve

sylvania Polled Hereford Assn. Summer Show.

Les, who joined his father in the family's Polled Hereford business in 1973, has been active with the state's Polled Hereford Assn., having served as its president and as a director for eight years. While father Joe Midla spends all of his time at the farm, son Les works away, spending four days a week in his chosen profession of dentistry.

"But after I leave the office at 4 p.m., I head back to the farm and devote the rest of my time to it," says Les, adding the farm represents his "roots."

Speaking of family trees, Les confesses that he finds the challenge of animal genetics "interesting." In studying and tracing the Flat Stone Lick herd's inherited blueprint, Les says the cattle with bad temperaments in the Polled Hereford breed were kept out of the herd.

(Turn to Page E4)

This bull calf typifies the breeding philosophy at Flat Stone Lick farm. According to Les Midla, this calf was raised to a frame score 5 on grass pastures and his dam's milk. Says Midla, "These types of calves are problem-free." In the picture below, this same calf is pictured on the snowy fields of the Washington County Polled Hereford farm at the age of one week. Another Midla philosophy is to allow the cows to calve "on frozen ground," proof of their hardiness.

One of Midla's Benchmark Dams is FSL Miss Victory 4. This Victorious K47 U81 daughter has five calves to her outstanding record, including one of Flat Stone Lick's herd sires FSL Vic J Banner 32L. This bull sired both top-gaining Polled Hereford Bulls at the 1982 bull tests at Penn State and Ohio State.

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Flat Stone Lick

(Continued from Page E2)

"As a result, we have quiet animals that are fairly trouble-free," he boasts. "In our area there are a lot of people who work off the farm. They need the kind of cattle that aren't hard calvers and that are good milkers."

In the farm's breeding program, Les says he "attempts to follow the trends — striving for more frame while still keeping milkability without hard calving."

"Our cows aren't the biggest in the industry," Les concedes, "but they're bigger than average. We're selling a reliable genetic package to a person who needs it."

In the process of selecting genetically superior progeny, Les says the policy at Flat Stone Lick is to keep only about 12 bull calves out of each year's crop. The remainder are castrated and kept on the farm for one year, after which they are sold as lightweight feeders. In merchandising bull calves, Les notes most are sold to commercial cattle breeders.

Commenting on the difficulty of selling purebred bulls to commercial operations, Les admits "it's hard to get $100 over beef price for purebred bulls. People don't want to pay for the premium of management." He also cited the same problem when merchandising purebred cows and heifers.

Nevertheless, Les stresses Flat Stone Lick calves will continue to be purebred Polled Herefords. Through genetic manipulation, he says the Polled Hereford breeders are "attempting to get their cattle's frame size up in order to have a desirable end product for steer sales." But, he says, the pressure from Mother Nature is to go smaller.

One of the problems Les says he sees with the modern, larger framed Polled Hereford cows is the fact that they will cost more to maintain, requiring more grain to keep them cycling. He also says he fears structural faults will make calving ease a problem, especially with two-year-old, first-calf heifers.

At Flat Stone Lick, Les says calving has never been a problem. This year they only had to assist with six calves out of a total of 88. And, two of those assists were the result of bad presentations, he explains.

Flat Stone Lick's cow herd doesn't receive any quantity of grain, and show prospects don't receive special treatment. Les says that some silage is fed with hay during the cold months. Since grass tetany is such a problem in the area, he feeds a half pound of ground ear corn per cow. He combines this with corn silage topdressed with magnesium oxide for their daily diets from Thanksgiving to Memorial Day.

Flat Stone Lick's calving season runs from January through March, a three-month period during which cows are kept in a restricted area. Although Les says the farm has calving stalls, he notes he likes his cows to calve "on frozen ground. I've had frozen ears and tails already, but our Polled Herefords are winter hardy. Our biggest problem comes with mud."

Two other problems that plague the cattle at Flat Stone Lick are parasites, like coccidiosis, and pink eye. To fight the parasite battle, Les says they employ drenching as a problem-solving weapon — treating calves over five consecutive days. For the pink-eye problem, Les says they inject a ½ cc mixture of penicillin and cortisone into the membrane of the eyelid as soon as the eye begins to drain. This is coupled with the traditional pink eye spray treatment.

Managing the breeding herd is a challenging task for most cattle breeders. At Flat Stone Lick the cows are given a five-week period after calving during which they are bred artificially. After this, the cows are turned out to pasture with three herd bulls.

According to Les, this year the farm had two-thirds of their cows conceive after being serviced artificially.

Calves are allowed to stay on the cows until Oct. 1. Les explains that only a few weeks before this weaning date are they introduced to creep feed. At the time of weaning, the calves are inoculated with various vaccines, wormed and degrubbed.

Cows are pregnancy checked in September, Les notes, adding that any open cows are culled immediately and sent to auction. Prior to the examination, all the cows in Flat Stone Lick's accredited herd received their brucellosis blood tests and tuberculosis vaccination. The "preg" checks are done when the veterinarian returns to read the TB test.

Les sums up the farm's philosophy on raising Polled Hereford cattle, saying, "We have respectable cattle, but not world trendsetters. They're not groomed to compete with the well-fitted show cattle — they're just well-grown."

In reflecting on their 15 years of record-keeping and the resulting Benchmark Dam designations, Les comments that the two-feet thick stack of records have provided an essential management tool.

"First you have to know your cows in order to make decisions. Then you take your records and make more decisions," notes Les. He comments that each of these decisions taken separately is not as

(Turn to Page E5)

Nine-year-old Kimberly Midla exhibited the champion heifer at the Pennsylvania Polled Hereford Junior Show this past summer. The heifer later went on to be tagged reserve champion of the open show that same day. Proud mother, Nancy, far right, beams a happy smile.

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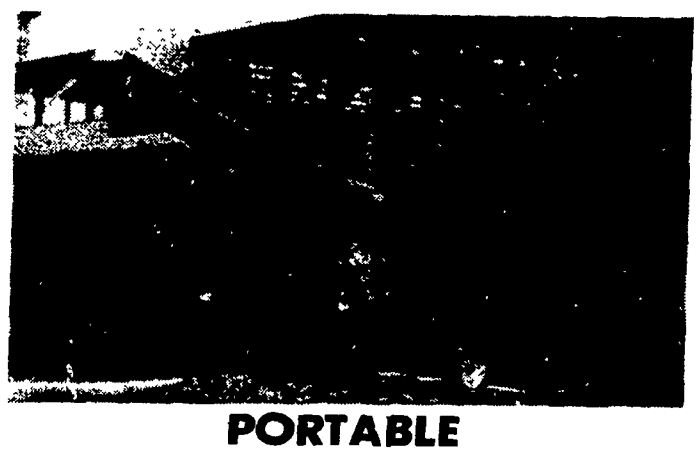

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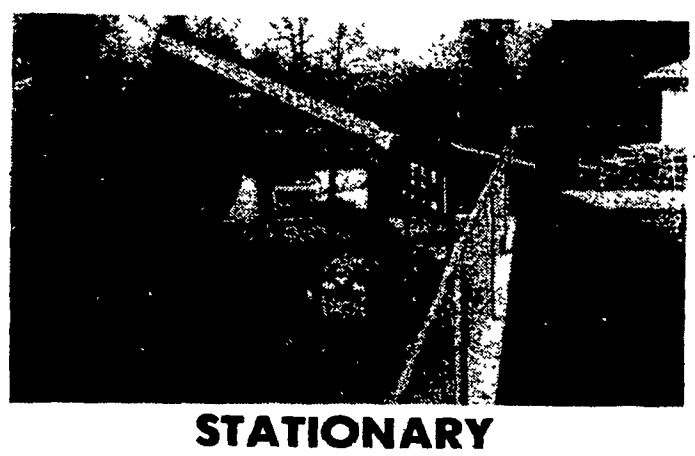

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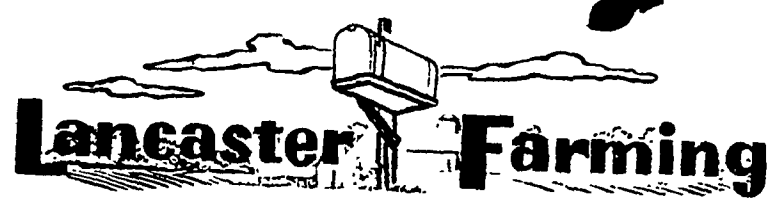

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Let's look at corn some more

Many grain farmers will be forced to sell at prices under costs this year. Do you know what your breakeven price is?

Most farmers don't know the answer to this very important question. Some will say it doesen't make any difference "we sell it for whatever price the the buyer will pay."

This is about 90 percent true, but what about forward contracting or hedging? Or consider these order advantages of knowing your production costs.

1. Profit can be one of two things. It can be a return over all costs including land charges and return on investment. Or it can be a return over cash variable expenses such as fertilizer and seed. If you know your production costs you will know both your total cost and your cash cost. Over the long haul we need a price that exceeds the total cost if we're going to stay in business. In the short run (this year), we merely have to cover cash expenses to stay in business.

2. You can plan for the future. Do you enter a government program, rent the land out to someone with more optimism or better management, change crops, change use of crops, or hang in there?

3. Once you know your costs, you can begin to find areas where you can shave them a bit. You'll start to make better use of soil tests and county agents advice. You may even begin to keep field records.

Buyers and sellers

Usually Pennsylvania is a corn deficit area. We import a lot of corn from the West. This is not very comforting to the producer in a local area where there is more corn than storage. Sellers may have to be aggressive this year and look for innovative sales methods.

Have you ever sold corn silage or high moisture corn? Perhaps that neighbor would be willing to buy your surplus corn on a piece-meal basis. Example: enter into a contract whereby he agrees to take 1,000 bushels per month at either a set price or the futures price as listed now or at average market value for the month. Warning: be careful that you don't get stuck with money owed for more than a one-month supply of corn. I'd prefer payment upon delivery or at least within 10 days. Perhaps you should include a discount and penalty clause in the contract.

This is another place where knowing production costs could pay off. Sales between farmers can result in savings to the buyer and extra income to the seller. They can also result in hard feelings if either party feels gypped.

Buyers — know what you are purchasing including moisture level, quality, and quantity.

Sellers — know what you are selling and what you could get for it at the mill as well as what it is worth as a feed.

Corn silage

As I stated in last week's letter know the moisture level, how well eared, the tonnage, and who will be harvesting before settling on a price. As a ball park figure, well-earned corn silage in the dent stage at a moisture level of 65 to 70 percent is worth about 12 to 14 dollars per ton in the silo at present corn price levels. This can vary from locality to locality depending on the strength of local corn markets. 1982 is in general a buyers market.

Delmarva Poultry Health meetings sets attendance record

GEORGETOWN, Del. — The 17th National Meeting on Poultry Health and Condemnations is now history. Set at a new location, the Carousel Hotel in Ocean City, Maryland last month, a new attendance record was made at this popular conference. Five hundred twenty-three people from 30 states, the District of Columbia, Puerto Rico and three foreign countries registered for the meeting.

This annual event is considered one of the outstanding poultry health meetings in the United States. Subjects covered by the 39 participants included the latest information on poultry health topics as related to grow-out and processing situations. The animal welfare issue was also covered by a panel of experts from both the U.S. and England.

G. Thomas Holder, manager of Grow-Out Health, Perdue Farms, Inc., was general chairman of this event. It is sponsored by Delmarva Poultry Industry, Inc., the local poultry trade association, in cooperation with the Universities of Delaware and Maryland.

Proceedings of the conference will be released in December and will be sent to all registrants. Non-registrants may obtain copies at $7 per copy postage paid to U.S. and Canada and $10 postage paid to other destinations. They may be obtained by writing to: Delmarva Poultry Industry, Inc., R2, Box 47, Georgetown, DE 19947 with a check made payable to: "Delmarva Poultry Industry, Inc."

Flat Stone Lick

(Continued from Page E4)

reliable as if taken together — paperwork and personal observations provide the genetic link.

Other farms owning several Benchmark Dams include: Graystone Farm, Schellsburg, four head; John E. Rice and Sons Inc., Sheridan, Wyo., six head; Bar JZ Polled Herefords, Holabird, S.D. and Klondike Farms LTD., Douglas, Man., own five each; Larry and Carol Gildemaster, Virgil, S.D., four head; Ray Johnson Herefords, Lake Bronson, Minn, four head; MR-Klip Herefords, Oral, S.D., four head; Nichols Farms, Bridgewater, Iowa, four head; and James Nickkel, Kellogg, Iowa, four head.

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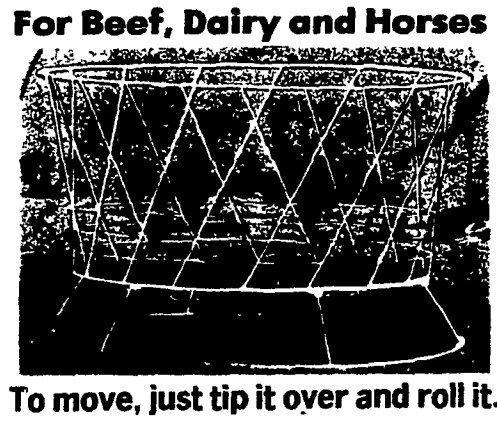

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Farm Business News

Weaver gets Pennfield post

Jerry E. Weaver

LANCASTER — Jerry E. Weaver has been appointed manager of processing for Pennfield Farms Poultry, a division of Pennfield Corporation. The poultry plant, located in Fredericksburg processes over 48 million pounds of chicken annually.

A native of Alabama, Weaver was most recently employed as plant manager for Spring Valley Foods, Heflin, Ala. Prior to that, he served as plant manager of Merril Foods Incorporation, Alexander City, Alabama, and has also worked with the USDA as a poultry inspector in Georgia.

Weaver began his career in poultry processing with Pillsbury Farms in Guntersville, Alabama where he became plant superintendent.

ABS redesigns sire directory

DeFOREST, Wisc. — Making the bull selection process as easy as possible for dairymen is the number one purpose of American Breeders Service's new 1982 Fall Holstein Sire Directory according to Russ Berna, director of marketing.

"To better accomplish that objective, we've totally redesigned our directory into a new two-book format including a complete 4-color sire directory and a sire performance insert that conveniently fits inside the directory," Berna said.

"This new format allows us to bring the dairymen more information on our sires than ever. We've featured our 76 proven sires in full-color with complete July 1982 USDA proofs, HFA type data, pedigrees, aAa, Genetic Trait Summary date, comments about the bulls and daughter photos."

"And we've also included a calving ease guide a genetic trait rankings summary, a top 10 sire performance listing and a section on both heifer A.I. and Genetic Venture sires."

Plus the directory includes full color highlights of the special service programs ABS offers dairymen. Programs like Genetic Mating Service which now evaluates over 550,000 dairy cows and heifers annually.

The 76 sires in this year's directory have an average Predicted Difference of +$196, +1,643M, -.07%, +48 PDT and +429 TPI.

There are also 18 sires over +$220, 14 bulls over +500 TPI, 22 sires over +.00% test and 21 Holsteins over +1.00 PDT.

Dairymen interested in obtaining a copy of the 1982 Holstein Sire Directory can get a free copy from their local ABS representative or contact American Breeders Service, P.O. Box 459, DeForest, WI 53532.

New Holland cuts finance charges

NEW HOLLAND — Sperry New Holland has announced a reduction to five percent for finance charges on two-year installment purchases of its farm and industrial machinery. The company's previous annual percentage rate has been 17.5 percent.

The company has previously offered zero financing on one-year purchases with a substantial down payment and equal monthly, quarterly or semi-annual payments. The company says that program, which continues, has been moderately successful in stimulating business. The new program is aimed at getting farmers to make machinery purchases before the end of the current year.

In addition to reducing the a.p.r. to five percent, the company is also offering cash rebates ranging up to $6,000 on immediate cash purchases of its machinery, with lower rebates in future months. A "free finance until use date program," popular in the farm machinery industry, is also available as part of the new financing structure. The programs end January 31, 1983.

Berks Farm Business workshop Dec. 14-15

LEESPORT — A farm business workshop will be held Dec. 14-15 at the Berks County Agricultural Center from 9 a.m. until 3:15 p.m.

The meeting, which is sponsored by Penn State and the Berks Extension office, is designed to help farmers with financial management decisions.

"Today's economic climate demands farm financial management planning," notes Extension agent Clyde Myers. "With inflation, high interest rates, rising costs and smaller profit margins, farmers must be able to determine their cash flow, debt payments and lending risk if their farming operation is to stay profitable."

Myers adds that "since the overwhelming majority of farming operations are family farms, couples are encouraged to participate."

Sixty individuals at $20 or 30 couples at $25 will be accepted in the workshop. The cost includes two meals, a farm business workbook, other materials and a notebook.

Two Extension quality credits will be offered. For credit, both sessions must be attended.

For more information contact the Berks Extension office by calling 215/378-1327. Deadline for reservations is Dec. 10.

Big layer operation uses fluorescent lights

Sylvania 22-watt Circline fluorescent lamps are used in this layer house to reduce energy bills.

RIPON, Calif. — Sylvania 22-watt fluorescent conversion units are being utilized by den Dulk Poultry, Inc. in its half-million-bird layer operation.

The recent installation of 1,000 Circline fluorescent units, which include ballasts and fit into standard incandescent sockets, enables den Dulk to conserve some 125,000 kilowatt hours of energy and save an estimated $10,500 annually. They replaced 1,800 forty-watt and 200 seventy-five-watt incandescent lamps.

den Dulk installed the Sylvania units, which produce approximately the same light output as a 75-watt incandescent at one-third the wattage, in every other socket. In addition to the increase in energy efficiency, the Circline unit has an average life of 12,000 hours compared to 1,500 hours for a 40-watt standard incandescent and 750 hours for a standard 75-watt incandescent.

Six hundred thirty fluorescent conversion units were installed in den Dulk's main chicken ranch and the remaining 370 lamps are located at smaller ranches. The den Dulk operation at all ranches houses some 550,000 chickens, which produce approximately 11 million dozen eggs annually.

In commenting on the new lamps, Tim Bunnell, den Dulk manager, said: "We expect to install another 1,000 fluorescent conversion units in a phased program. Beside energy savings, we selected the Sylvania unit for the noticeable increase in illumination and the elimination of shadows versus the existing incandescent system. Also, testing of the Sylvania unit disclosed it is physically more stable when screwed into the incandescent socket and it emits a warm white illumination conducive to the application. Sodium lighting was tried, but it did not produce the desired results."

"In addition," Bunnell explained, "we discovered the utilization of plastic for the ballast enclosure and lamp framing was extremely important. Other similar units manufactured by other companies utilize metal framing which corrodes easily when subjected to the ammonia from the chicken manure."

238 - bu. corn & 109 - bu. beans

ATLANTA, GA — Yield barriers are tumbling as 1982 maximum yield research results roll in. These research projects receiving support from the Potash & Phosphate Institute (PPI) and the Foundation for Agronomic Research (FAR) are showing significant breakthroughs, so important for boosting yields and lowering unit costs of production.

Roy L. Flannery, New Jersey's extension soil specialist, achieved a rare accomplishment in his 1982 research plots. He harvested what are believed to be record research yields of 338 bu/A for corn and 109 bu/A for soybeans. In the quest for maximum yields, Flannery topped his own previous corn research record of 312 bu/A harvested in 1980. His three-year average corn yield is 312 bu/A for the 1980-82 seasons. This is now a three-year average equal to the record yield of 1980. Equally important, his consecutive soybean yields of 94 bu/A in 1980, 93 bu/A in 1981, and 109 bu/A for 1982 give a three-year average of 99 bu/A.

In Ontario, Canada, researcher C. K. Stevenson of Ridgetown College harvested a record 251 bu/A of corn in a maximum yield study. This is the highest yield of corn ever reported in Canada.

Across the U.S., other maximum yield research and demonstration projects are also reporting or expecting outstanding yields. Let's look at results from a few projects receiving financial support from PPI and FAR. All yields listed here are adjusted for standard moisture and quality grades.

In Illinois, Fred Welch harvested 242 bu/A from his replicated and irrigated corn research studies.

In Florida, David Wright and Fred Rhoads teamed together to produce corn yields of 267 and 227 bu/A in two separate studies, in 1982. With early planting and July harvest of corn, they followed with doublecrop soybeans and grain sorghum to be harvested this fall.

In Minnesota, Gyles Randall recently harvested 217 bu/A of corn in a maximum yield demonstration project.

In Virginia, a research team including Dan Hallock, Preston Reid, and Scott Wright brought in 244 bu/A in replicated and irrigated corn research plots.

North Carolina State University researchers John Anderson and Jim Dunphy reported corn yields of 219 bu/A from their irrigated research plots and 205 bu/A in non-irrigated plots.

In Indiana, Purdue University researcher Dave Mengel recorded non-irrigated corn yields of 209 and 215 bu/A

Earlier this year and in 1981, several different research teams across North America reported extremely high wheat yields. In Oregon, Neil Christensen and Tom Jackson harvested 130 bu/A for 1982. Although this is lower than their record wheat yields of 182 bu/A without irrigation in 1981, this level of production remains a worthy goal for top farmers.

In New York, a Cornell University wheat research team harvested 108 bu/A in 1982 and 117 bu/A in 1981.

Researchers in Maryland, Kentucky, Virginia, and Washington state also topped 100 bu/A in maximum yield wheat research during 1982.

Such yields are evidence that North America still has a great food reserve in its ability to achieve higher yields. And for individual farmers, maximum economic yields offer the best way to control cost per unit of production.

Lancaster Holstein breeders slate banquet

LANCASTER — The 32nd annual banquet of the Lancaster County Holstein Association will be held Tuesday, Nov. 9 at 6:45 p.m. at the Harvest Drive Restaurant. The restaurant is located off of route 340, east of Lancaster and near Intercourse.

Tickets for the family style meal are $9 per person. Harrisburg radio personality Pete Wambaugh will be on hand to provide entertainment. In addition, production awards will be presented.

For more information contact Kenneth Myer, Elizabethtown, at 717-367-3344. The public is invited.

Farm Credit Banks report promotions

BALTIMORE — The Farm Credit Banks of Baltimore have announced the promotion of Gregory N. Davis to Senior Business Analyst and the appointment of James E. Johnson as Senior Credit Analyst.

Davis, a Baltimore native, has been with Farm Credit since April, 1979. Davis received his bachelor's degree in business and management from the University of Maryland and a master's in economics from the University of Baltimore.

Johnson holds an MBA and bachelor's degree from Virginia Commonwealth University. Johnson joined the Banks in March 1980 as a Loan Officer in the Richmond Farm Credit Associations. Prior to joining Farm Credit, he was employed as a Branch Manager, Assistant Secretary at Heritage Savings and Loan of Richmond, Virginia.

Cumberland Co. hosts annual Swiss meeting

CARLISLE — The annual Pennsylvania Brown Swiss Breeders' meeting will be held at the Best Western, Carlisle, on November 9 at 11 a.m.

Guest speakers will be George Opperman, Secretary-Treasurer of the National Association and Connie Gritton, Editor of the Brown Swiss Bulletin.

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Ag depts. supervise cattle slaughter to eliminate TB

WASHINGTON, D.C. — Some 2,100 cattle in four multiple-ownership herds in Cameron Parish, La., have been slaughtered under supervision of state and U.S. Department of Agriculture veterinarians to eliminate recurring infections of bovine tuberculosis.

Dr. Robert D. Whiting, veterinarian in charge of operations in Louisiana for USDA's Animal and Plant Health Inspection Service, said two other herds are being held under quarantine for continued testing and removal of infected animals.

"Cameron Parish has had a long histroy of tuberculosis infection in its cattle herds," Whiting said. "TB has been particularly difficult to eradicate because of the practice of grazing cattle owned by many persons on common winter pastures.

"The frequent intermingling of cattle and the difficulty of testing all animals in a pasture area has helped to perpetuate the disease," he said.

Whiting said the slaughter of these herds, for which owners are paid federal indemnities, will eliminate the threat of spreading bovine tuberculosis. He said spread could occur if all animals in a herd were not destroyed because a small percent of infected animals may not react to the tuberculin test and thus serve as a source of reinfection.

According to Whiting, two of the four slaughtered herds had confirmed cases of bovine tuberculosis; the others were considered exposed because of the intermingling of cattle among the herds.

Two additional herds — one with confirmed infection and the other exposed — were eligible to have been slaughtered with indemnities. However, the owners have elected to undergo the quarantine and testing procedure to eliminate tuberculosis.

The quarantined herds will be tested a 60-day intervals. Any positive reactors will be destroyed after each test, Whiting said. If a herd is found clean on two tests 60 days apart, and again six month later, it is released from quarantine. Such herds are then tested annually by USDA veterinarians for five additional years.

Under the cooperative state-federal tuberculosis eradication program, a total of seven infected and four exposed herds were found nationwide during the fiscal year ending Sept. 30. Five infected and three exposed herds were destroyed. In addition to the two quarantined herds in Louisiana, another herd in California is under quarantine because of bovine tuberculosis.

Eastern and Sorrento strike deal

SYRACUSE — Stanley Korona, President of Eastern Milk Producers Cooperative, recently announced that his organization has arrived at an agreement with Sorrento Cheese Company, Inc., pursuant to which Eastern Milk Producers Cooperative will be the sole supplier of milk to Sorrento Cheese Company's Goshen, N.Y. facility.

Korona said the multi-year agreement is the result of several weeks of negotiation between Eastern and Sorrento Cheese. Producers were informed of this agreement at a meeting held Wednesday evening at the Goshen plant.

Eastern General Manager, Michael Donovan, who attended the Wednesday, October 27 meeting, said Eastern had proven itself as a reliable supplier for major manufacturers in the Northeast and that this factor contributed to the decision of Sorrento. Eastern will tailor its deliveries to the start-up and manufacturing requirements of Sorrento, another factor he believes was part of Sorrento's decision to rely on Eastern.

Richard Russo, Sorrento Vice President in charge of Production and Procurement, said Eastern has been a main supplier of milk to the company plant at Buffalo, New York and that as a supply organization Eastern's record has been excellent.

"Sorrento is making a major financial commitment to the Goshen plant and feels that this supply agreement with Eastern meets Sorrento's needs and the needs of local dairy farmers."

Eastern officials anticipate the supply agreement will result in hauling and milk handling efficiencies that will save each member hundreds of dollars per year. The cooperative has been developing a concentrated supply in the Southeastern portion of New York State. Korona said farmers who are already members of Eastern and those who join to be part of the Sorrento's supply will enjoy reduced hauling rates and a full blend pay price. Korona said this market for the future.

Pounce gets vegetable OK

PHILADELPHIA — FMC Corporation today announced that the EPA had approved the use of Pounce 3.2 EC on eight more crops.

Pounce is now approved for use on cabbage, celery, head lettuce, pears, potatoes, broccoli, brussel sprouts and cauliflower. Insects covered, rates per acre, number of sprays vary according to crop.

"The approval to use Pounce insecticide on these crops provides a whole new group of growers with the opportunity to use the product for the first time," according to Susan J. Wendler, Pounce Product Manager. "Label familiarity is important before using Pounce on the new crops," Wendler added.

U. of Del. farm gets new superintendent

NEWARK, Del. — Howard L. (Larry) Ford, Jr. has joined the University of Delaware College of Agricultural Sciences as superintendent of its Agricultural Experiment Station farm at Newark. Ford, a graduate of Virginia Polytechnic Institute and State University, has over 10 years' experience in managing grain and livestock farms.

At Delaware he will coordinate the dairy, crop, poultry, livestock and greenhouse operations of the farm, which is used to support the college's research, teaching and extension programs.

Ford assumed his new duties Oct. 1. He replaces Charles D. Passmore who retired June 30 after 24 years as superintendent.

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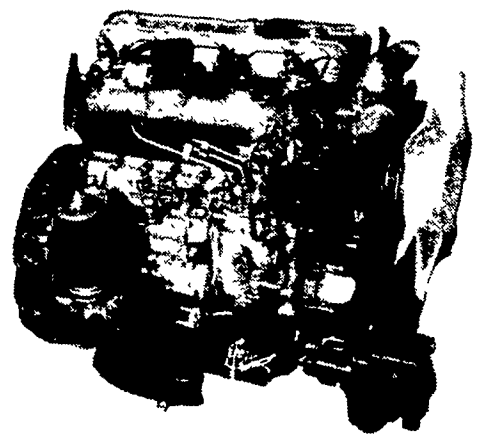

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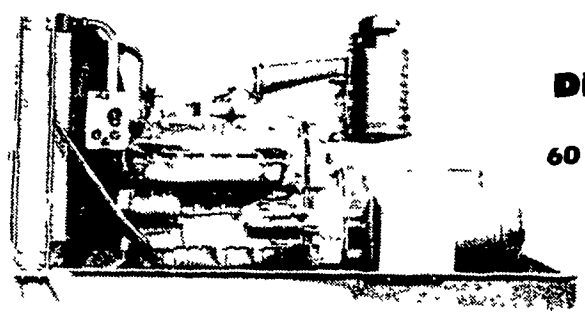

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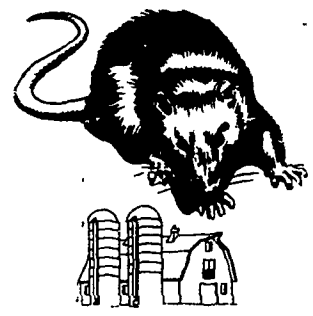

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USDA insurance coverage changed for higher production farmers

WASHINGTON, D.C. — High production farmers will be able to get higher crop insurance coverage next spring without paying increased premium costs to the U.S. Department of Agriculture's Federal Crop Insurance Corporation.

Merritt Sprague, manager of the USDA corporation, said the higher coverage will be available to farmers who plant corn, cotton, grain sorghum, rice, soybeans, wheat and barley in the spring of 1983 under changes in the corporation's individual yield coverage plan.

Sprague said the 1982 plan required farmers to provide satisfactory acreage and production records for at least the most recent three years a crop was grown out of a 10-year period. Area-average yields were used for years for which the farmer had no records.

Under the new plan for 1983 spring-planted crops, he said, the producer's records will continue to be used in the same manner except that coverage is based on a revised yield formula.

That formula: Production records for at least the most recent 3 years are compared with county yield averages to arrive at a producer yield index. This index then is applied to the county yield average as computed by the USDA's Statistical Reporting Service for those years of the 10-year base period for which the farmer has inadequate records.

"We believe this approach will better reflect the risks taken by top producers," Sprague said. "Farmers will be able to qualify for higher production guarantees without increasing their per acre insurance cost. This plan will make crop insurance a more attractive component in a farmer's risk management plan."

Sprague said the USDA corporation has devised an additional plan on grain sorghum, corn and small grains to provide increased coverage to farmers who feed their crop production to livestock or poultry and who don't have the records to qualify for the individual yield coverage plan.

This modified individual yield plan requires actual records for only one year plus records for two years which may be certified by the USDA's Agricultural Stabilization and Conservation Service. The USDA-certified records are based on the best available information.

Consideration will be given to the producer's livestock enterprises, feeding records, fertilization program, soil and water conservation practices and other management practices. The remaining years of the 10-year base period will be calculated by adjusting the county average as computed by the Statistical Reporting Service.

The individual certified yield plan becomes effective with the 1983 crop year. Those producers who acquire acceptable yield records for three years will become eligible for the individual yield coverage plan.

Under the individual certified yield plan, higher coverages require additional premium per acre; under the individual yield coverage plan, they do not.

For both plans the Federal Crop Insurance Corporation will assist in maintaining the records at no charge to the producer. Agricultural Stabilization and Conservation Service offices will provide the appropriate forms and assist farmers in establishing yield data.

Sheep Council sets new directions

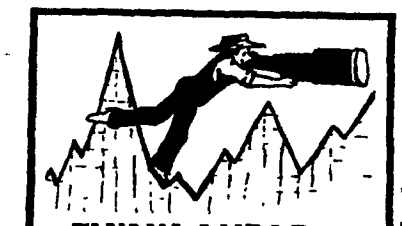
DENVER, Col. — American Sheep Producers Council directors and delegates unanimously approved ASPC's strategic plan as presented by a producer committee during the group's annual meeting, held here last month.

The plan, containing short term and five-year goals, charts new directions for the ASPC with more emphasis being placed on increasing producer profit opportunities. Formulated by representatives from the ASPC, Sheep Industry Development Inc., National Wool Growers Association, and the National Lamb Feeders Association, the new plan has three major result areas: lamb marketing services, wool marketing services, and producer information and services.

NLFA President Phil Huber explained that the strategic plan puts lamb advertising and merchandising in position as part of a total marketing plan. Efforts will concentrate on marketing a quality product which is well packaged, distributed and marketed at the proper time for a fair price.

ASPC's wool area will place an increasing emphasis on raw wool merchandising, sales promotion, and trade advertising according to NWGA President Don Meike. Wool experts also will work on ways to increase the quality of American pelts and establish them as the premium standard for the pelt market as prices above the world market.

Producer information and services will contain the sheep industry development and blueprint programs, but place more emphasis on livestock marketing and analysis. Producer services will establish a data base of crucial trends and statistics on lamb, wool, by-products, sheep, exports, and competitive meats for use by the Council and the industry.



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Read Futures Markets on Page 3.

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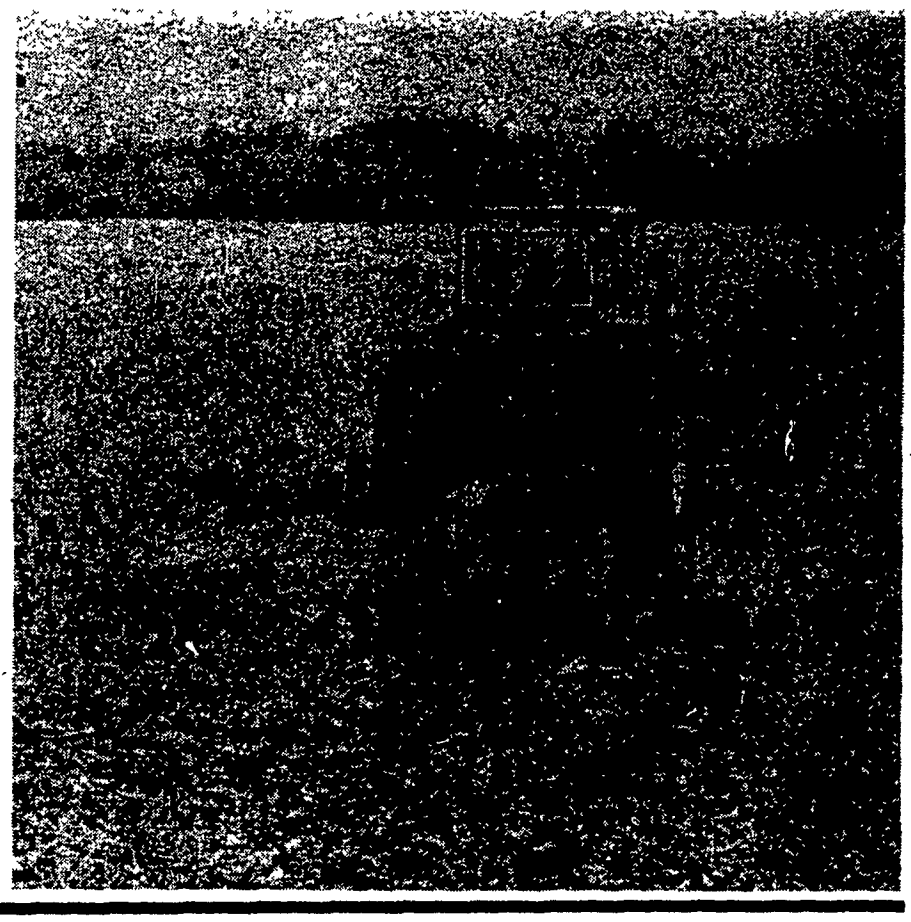

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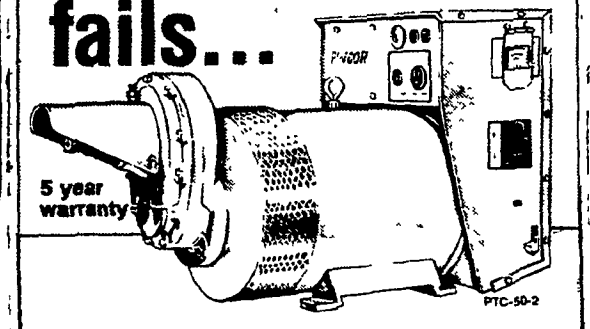

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Some personal observations & childhood memories

This photo represents what the Narvon hazardous waste dump proposal is all about. It's about a concern for future generations -- concern that there will be good, unpolluted land available when they get ready to take over the reins of farming. And the cauliflower represents one of the ways that small-acreage agriculture may be able to survive in the future -- truck farming. And that future could well rely on good, clean water for irrigation.

BY DICK ANGLESTEIN

NARVON — I really enjoyed my two days of helping with farm chores in the shadow of the proposed hazardous waste dump in Eastern Lancaster County.

I wish the opportunity had come under different circumstances, but it is an experience I won't ever forget.

It got me out of a stuffy office and into the bright sunshine of Indian Summer for two full days.

It gave me a chance to recharge my literary batteries, too.

It provided a chance to talk extensively with the Old Order Mennonite farmers in their environment and on their terms.

It also gave me the time for reflection – recalling similar work many years ago on a hillside farm near Wassergass in Northampton County close to the Bucks County line.

My two days with Eli Newswanger, Amos and Ammon Martin and David Martin in the shadow of the proposed Narvon hazardous waste dump was in the midst of the World Series.

And the Series never came up once in casual conversation. And what's more I didn't miss it.

As you husk corn what's more natural than talking about corn yield.

"We were very fortunate around here," Eli Newswanger explained.

"We got the showers just when we needed them. I'd say our corn crop is 10 percent better than I've ever seen it."

That means a full silo, filled cribs and extra on the barn floor – plenty to carry the herd of feeder steers through the winter until spring markets.

At Ammon Martin's lunch table, conversation drifted to the Tylenol episodes, dominating the newspapers.

"Why does there have to be such crazy people?" Ammon asked.

Not waiting for an answer, he continues:

"And the worst part is what it suggests to other crazy people."

His prophesy was to come all too true.

With brother Amos came conservation over coffee and homemade chocolate chip cookies just out of the oven. The kind of cookies it almost takes two hands to handle and you get an extra treat when you must lick the still goeey chocolate from your fingers.

Amos joked about the time Ammon displayed his strength before a bunch of other boys.

"We were younger then and you know how you are when a bunch of guys get together," Amos said.

"Someone said that an egg is so strong that noone can break it if you put it between your hands and just push against the ends.

"Well, Ammon tried it.

"He broke the egg, too.

"All over himself and his good suit."

But conversation always eventually turned to more serious tones – the hazardous waste dump that people want to put next to their farms. There are many things that these farmers don't understand about the proposal.

–Why a dump in the middle of a rich, productive, prime agricultural area?

–Why another dump in their neighborhood when the Lan-Chester landfill is already a few more miles down Rt. 322?

–And why is the Federal Government on one hand spending millions to clean up the headwaters of the Conestoga and prevent ag seepage in the same area where developers want to place a hazardous waste dump?

It's another one of the paradoxes of the Narvon proposal.

"They want the farmers to clean up," one of them said.

"But then along comes something like this hazardous waste dump idea.

"When I put manure on my fields, I try to plow it down as quick as possible. It's for my own good.

"But if I don't, I can come out in my fields and walk barefooted and it won't hurt me.

"I wonder if they can do that with some of the stuff they're talking about putting in that hazardous waste dump?"

I had no answer.

But as I pondered the question my thoughts would drift.

Now, I'm something of a homemade bread freak. I love it. I can eat homemade bread and preserves for breakfast. For lunch give me a couple of pieces, a nice big slice of a sweet onion, a sprinkle of vinegar and some salt and pepper. For supper, I can make a meal of more homemade bread, some home-smoked ham and a little horseradish.

Well, with the Narvon farm families I was in homemade bread heaven. I ate it at every meal.

(My thoughts drifted back to that other farm many years ago and the big kitchen that always smelled of homemade bread. And the kind old German lady we affectionately called "Mama."

(My most vivid recollections of her homemade bread was that served in the middle of a sultry, hot summer night.

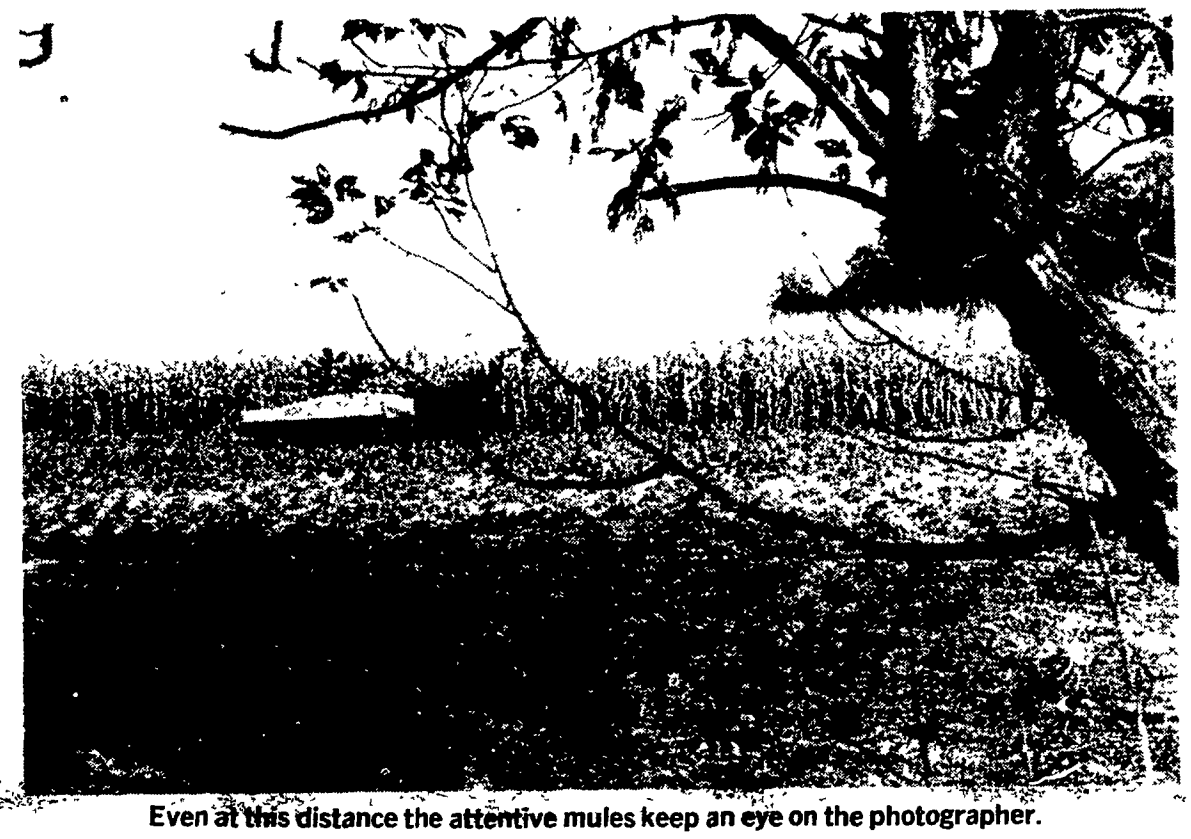
(Mama and Papa emigrated from Germany and settled on this small hillside farm. They could never live in a town. Papa worked middle shift at the Bethlehem Steel and still farmed.

Farming in a shadow

(Both Mama and Papa hated nocturnal thunderstorms. Whenever one blew up in the middle of the night, everyone got out of bed and sat around the kitchen table until it passed.

(I guess it was to give us a head start to get the livestock out of the barn if something should happen.

(Turn to Page E11)



Even at this distance the attentive mules keep an eye on the photographer.

Big ears of corn await the approaching mule-powered wagon and the huskers.

Proposed hazardous waste dump

(Continued from Page E10)

(As we sat around the table, Mama and Papa would talk in low tones in German. I'd contendedly munch on my homemade bread, raspberry preserves from the patch out back and a big glass of milk.

(More than one night I spent as a youngster around that table with the thunder booming outside and the lightning flashing through the kitchen windows.)

One of the things I wanted to try while at Narvon with my "shadow farmers" was a stand-up ride on a wagon.

Often as I would drive through Lancaster County I'd see the Amish and Mennonite farmers driving their wagons while standing as firm and erect as an old sea salt on a pitching deck.

Well, I'd wonder if I could do that.

So, I tried it a couple of times.

It wasn't bad on the farm lane, but let me warn you, don't attempt it across a corn stubble field. I did and I must have looked like Bo-Jangles doing a soft shoe on a wagonbed stage. I danced all across that wagon bed and more than once grabbed for the higher "bang board" on the side of the wagon for support.

(My thoughts again drifted back – to another wagon ride on that farm of long ago.

(Naturally one of the major chores of my summer-long stay on that farm as a youngster was bringing in the hay. We brought it in loose, to.

(The older workers would pitch it up on the wagon and I being much smaller would be placed on top to pull it toward the center, level it and tramp it down. Later, I'd be stuck up in the loft, tossing it back in the corners as the dust-sparkled sunlight danced through the cracks in the barn walls.

(My uncle was also on top of the wagon. He warned me many times about getting near the unstable edge of the hay as it grew higher and higher on the wagon.

(Once, he forgot his own advice. The wagon lurched forward and Uncle Ralston toppled off the back. He got a broken back and other injuries and was laid up for a long time.)

As I rode on the wagon at Narvon, I looked down the long farm lane.

(I remember the lane of that farm of long ago. It wasn't quite as long but it seemed awful long to a barefooted boy who would run down it every morning to get the mail.

(The farmhouse stood just off to the side of the lane at a point where the lane rose a bit and then curved toward the barnyard.

(As I said before, Papa worked the middle shift at the Bethlehem Steel.

(After quitting at 11 p.m., it was close to midnight until he got home

(No matter what we did during the day, I couldn't fall asleep until I knew he was home.

(When he drove up the lane, the headlights would flash through my bedroom window and beam onto the ceiling.

(Soon, I would hear the screen door bang. You never locked a door back then.

(I would hear the slow shuffle coming up the creaking wooden stairs.

(From the bedroom next door I

(Turn to Page E12)

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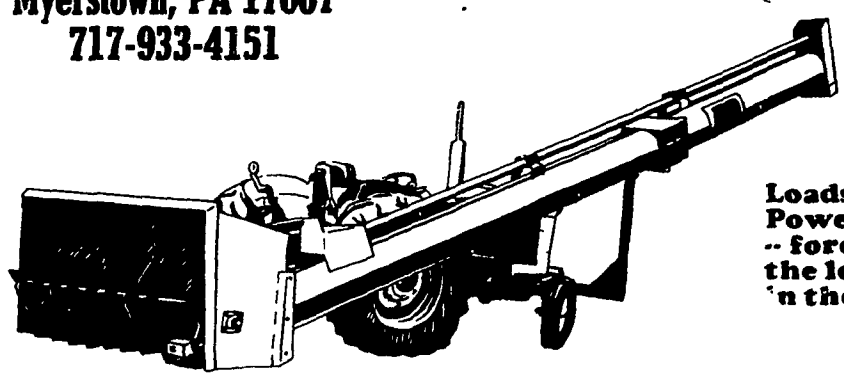

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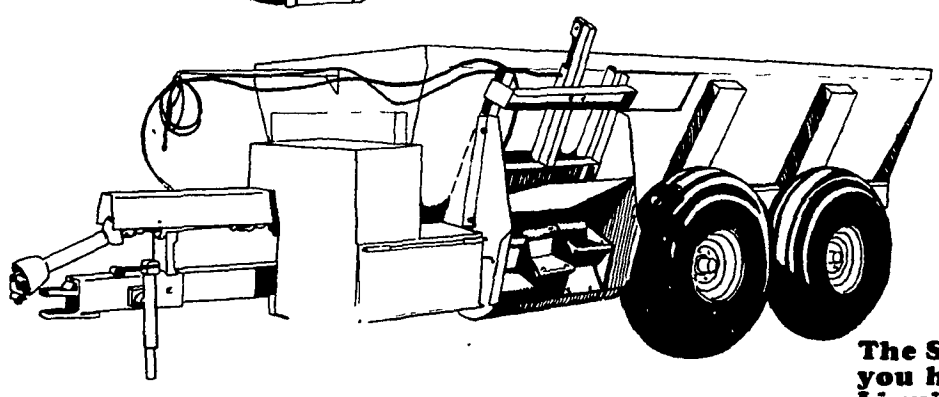

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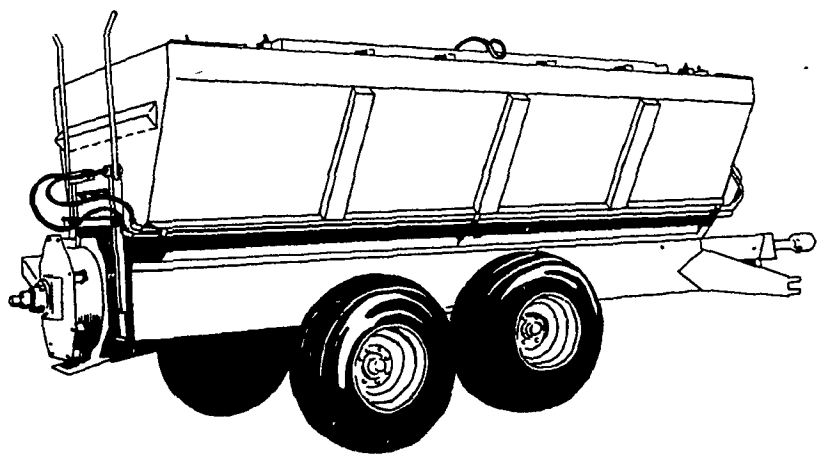

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Sheep contendly graze in the shade of a tree with a church in background. But there's another shadow nearby -- that cast by the proposed Narvon hazardous waste dump.

Proposed hazardous waste dump

(Continued from Page E11)

heard muffled tones. The short exchange between Mama and Pape usually went like this:

("Bist do mude?" Mama would ask.

(With a sigh that matched the creaking spring of the big old bed, Papa would reply:

("Yah, Mama, Ich bin mude. Sehr mude."

(And then, I could fall asleep.)

Back then, I was a town kid who worked all summer on the farm – from the time school closed until it reopened.

But I really was neither one. To the other town kids I must have been a half hayseed. To the fulltime farm kids I was half a slicker.

It caused some conflicts as a youth.

To resolve such conflicts we had our little mini-macho games like knocking the chip off your shoulder or drawing a line and daring the other guy to cross it.

Well, perhaps it's time that agriculture as a whole draws a line.

Land has gone for more houses, roads, shopping centers, power lines, etc.

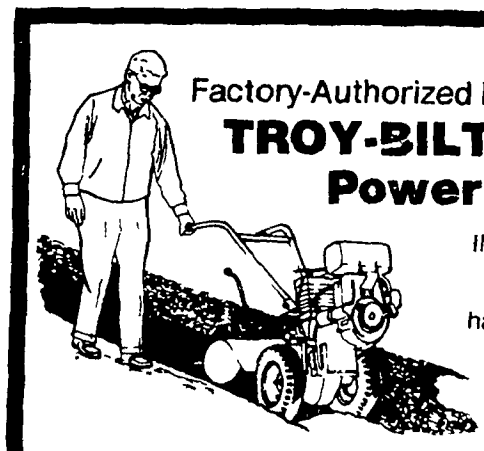
But at least while that particular land disappeared from farming, it didn't have possible long-range effects on the other farmland.

But this time the hazardous waste dump proposal at Narvon is different.

Who knows what long-range effects it could have – if not on this generation what about the next or the next?

It's about time that all segments of ag and agribusiness get togther and collectively draw a line.

And Narvon is a good place to start.



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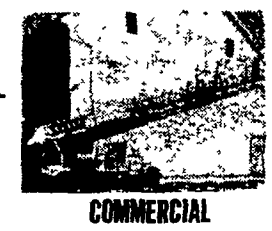
INDUSTRIAL  RESIDENTIAL

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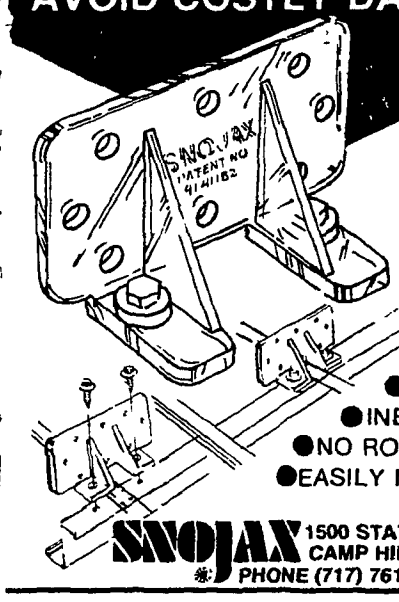

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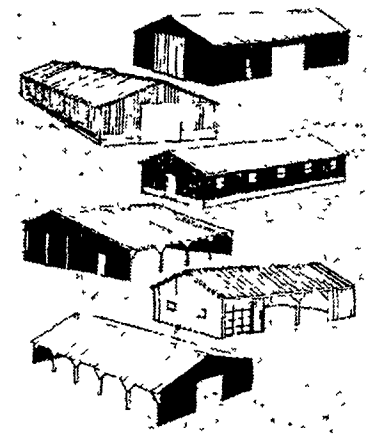

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UNIVERSITY PARK — How soon will the egg industry become profitable again?

Although it may now be profitable for the best egg producers and marketers, the average and below-average producers are looking for improvement, comments Penn State's A. Kermit Birth, poultry marketing specialist.

"The profitable situation anticipated for the summer and fall of 1982 faded rather rapidly in the second quarter of the year," he says. "Profitabilty continued to elude most, if not all, of the industry through September.

"Average prices projected by some at the beginning of the year for July and August were more than 10 cents per dozen above the average prices for large white cartoned eggs delivered to retailers in New York City. Many who expected profitable prices during the summer and fall planned production accordingly."

Birth reports that a one percent decrease in production this year through September was more than offset by the reduction in quantity of eggs exported. However, export orders for October, November and into December could help strengthen egg prices.

The question remains: what will happen after that export order is filled? Will there be other export orders? Will egg producers delay a downward adjustment in the number of layers on farms — with a resulting decrease in the number of eggs produced — after an export order us announced?

This year, Birth notes, the number of hens processed under federal inspection through the week ending Sept. 7 was about 6.5 milion less than a year earlier; it was almost 10 million less at the end of June. Thus relatively more hens were processed under federal inspection between July 1 and Sept. 7 than were processed a year earlier.

From September 1982 through February 1983, the number of pullet chicks grown for housing was about 1 million less than a year earlier.

"This would be offset by some of the reduction in number of hens removed from the nation's laying flock," Birth clarifies. "In the second quarter of 1982, there were about 283 million layers, about one percent less than a year earlier. Production per layer was about the same as a year earlier."

Although the number of pullets being grown for laying flock replacement is less than the number a year earlier, it doesn't follow that there will be fewer layers or farms the rest of this year and during the first quarter of 1983 than a year earlier, Birth notes. The deficit in number of pullets can be readily offset by increased force-molting of layers, he adds.

"This will likely happen if producers think egg prices will be high enough to assure a profit later this year and into next year," Birth predicts. "On Sept. 1, about 20.5 percent of the layers on farms had been through a forced molt, compared with only 17.6 percent a year earlier."

The number of potential layers (hens and pullets of laying age plus pullets 3 months and older but not of laying age on Sept. 1, 1982) was less than one percent below a year ago, Birth reports. More potential layers were on farms in the North Atlantic and East North Central states in September — 1 and 0.6 percent respectively.

In each of the other areas of the United States the number was smaller. The decreases for areax excluding Alaska and Hawaii ranged from less than 0.5 percent to 1.75 percent.

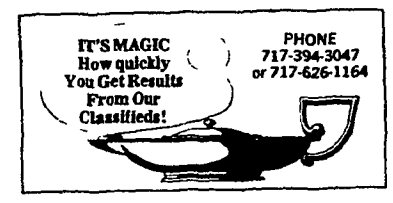
The number of pullets 3 months and older not of laying age on farms on Sept. 1 was up nearly 4 percent over a year ago. Indiana and Ohio had an increase of more than one million in the average number of layers on farms in June through August.

"As in the past, the egg industry will continue to show ups and downs in profitability," says Birth. "The indicator of profitability for the industry published by the Economic Research Service of the United States Department of Agriculture shows a loss of 3.5 cents per dozen in 1980 and a near break even 0.3 cents per dozen net return in 1981. The profitable period of the last quarter carried over into the first quarter of 1982."

Whether the industry will be profitable next year will depend to a great extent on whether the industry makes the necessary supply adjustments so the quantity marketed can be sold at profitable prices, Birth says.

"Export orders may delay necessary supply adjustments and result in prices well below production and marketing costs, except for short periods following the assembly and shipment of export orders," he stresses. "This pattern will persist as long as the industry depends on short-run export orders as a means of absorbing excess production.

"Yes, adverse weather can influence supplies. But as producers become more adept at managing layers under adverse conditions, price fluctuations may be less severe. Unless there are some supply adjustments, prices could continue at disappointing levels through much of next year," Birth concludes.



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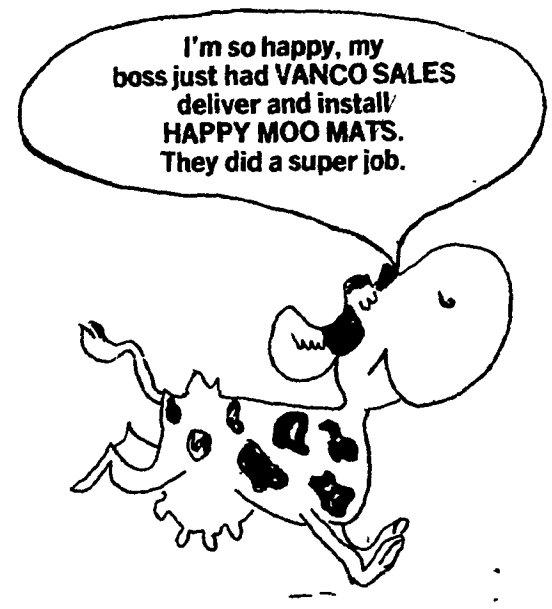

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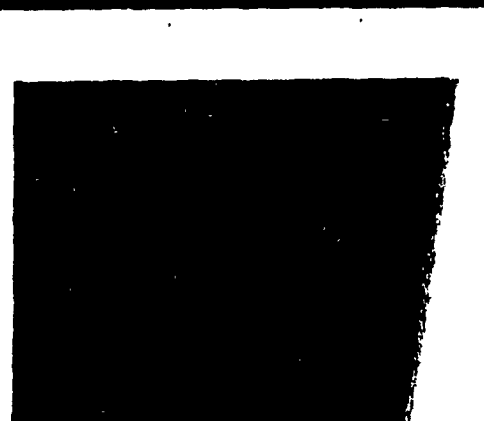

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Bartering farm surplus is possible trade solution

WASHINGTON, D.C. — Before money, there was barter. With some modern twists, the age-old practice of trading one product for another is getting fresh attention from analysts and policymakers concerned about the mounting U.S. surplus of farm commodities.

Barter is being considered as a possible trade tool to help reduce U.S. farm stocks, expand agricultural exports, and obtain needed strategic materials such as metals, metallic ores, and oil from foreign suppliers, according to economist Donna Vogt of USDA's Economic Research Service. In each of these areas, barter could probably play only a limited role, so the key question is whether the potential benefits would justify efforts to increase our barter trade.

As classically defined, barter is an agreement to exchange goods or services without the use of money. In modern practice, however, the relative values of the bartered products are often measured in monetary terms based on world market prices in international currencies.

The monetary values help determine the amounts to be traded, even though premiums or discounts may be applied. Cash can also be part of a barter transaction.

Barter-type arrangements come in a variety of forms and go under a variety of names. One common form — parallel contracts linking two exchange obligations — is called countertrade, but the term is frequently used interchangeably with barter.

Although the official USDA barter program was suspended in 1973, the United States recently agreed to exchange dairy products, metals, and cash with Jamaica in return for bauxite (used to produce aluminum) for the U.S. stockpile of strategic minerals. If revived, an active barter program could provide a way to expand U.S. trade with other nations that face serious financial problems related, in many cases, to the current worldwide recession.

Those who support the idea point out that barter is not intended to displace commercial trade. In fact, they argue, that such arrangements may help promote future cash trade in the same way that U.S. food aid and barter programs of the past helped develop new markets for U.S. goods as once-needy countries became more affluent.

Opponents, however, are concerned about the costs and additional bureaucracy that a barter program may entail. They also note that such a program could not guarantee U.S. access to strategic materials, nor would it likely have a major impact in reducing U.S. farm stocks.

The United States makes limited use of barter because commercial trade channels have proved more efficient, and because U.S. policy for many years has emphasized "free trade" with minimum government interference.

Despite the reservations about barter, it would almost certainly offer some additional trade opportunities for the United States. As much as 25-30 percent of the overall value of world trade involves barter, based on recent estimates. Although comparable figures aren't available for agricultural trade, barter is very popular with many nations.

"Developing countries plus the USSR, China, and Eastern Europe appear to hold the greatest potential for future expansion of U.S. agricultural exports, Vogt says. "They are also the most frequent users of barter-type trade arrangements that avoid or reduce the use of convertible 'hard' currencies — those currencies that are used in international trade, such as the U.S. dollar."

Many of these nations face significant constraints in buying U.S. agricultural products because of their limited ability to earn hard currencies. Several already carry huge debts, and they are reluctant to increase their imports without guarantees of corresponding opportunities to sell their products. Barter avoids or reduces hard currency requirements, and it ties imports of a needed commodity with exports of another commodity that's produced in excess of domestic needs.

Romania recently declared that half of its trade must be under counter-trade auspices. The reason: Romania's state trading firms have a chronic shortage of hard currency.

Barter has other attractions as well. It can maintain a nation's trade when world demand for a major export commodity declines. Several developing countries are heavily dependent on one or two primary export products. Similarly, barter can guarantee access to needed imports, such as oil, for a specified time period, even though demand and market prices may fluctuate.

Barter can also be used to develop new markets for non-traditional items, or to help a nation diversify its trading partners. Another motive may be to lend political support to a friendly government or to promote stronger political ties.

The longest running barter agreement is between China and Sri Lanka. It goes back to 1952 and involves the exchange of rubber for rice. China provides rice, often at lower than market value, in exchange for rubber valued at a premium price.

The USSR and China also barter oil and petroleum products to such nations as Vietnam, India, and Thailand. Other recently negotiated barter pacts include Colombia's agreement to exchange coffee for Soviet buses, and South Africa's exchange of corn for Soviet fertilizer.

If the United States decided to barter agricultural commodities for materials to help fill U.S. strategic stockpiles, a number of countries would qualify as potential partners, Vogt notes. They include Brazil, Thailand, Peru, the Philippines, Morocco, Turkey, India, Nigeria, China, and even the USSR. These nations could offer a variety of strategic minerals for the National Defense Stockpile Inventory. The minerals include columbium concentrates, bauxite, copper, cobalt, lead, manganese, rubber, zinc, platinum, tantalum, and antimony.

In return for these minerals, the United States might offer commodities currently held in Commodity Credit Corporation reserves, such as corn, wheat, cotton, nonfat dry milk, cheese, butter, grain sorghum, barley, rye, sugarbeets, and honey.

The United States might also consider bartering for oil to help fill the strategic petroleum

(Turn to Page E15)

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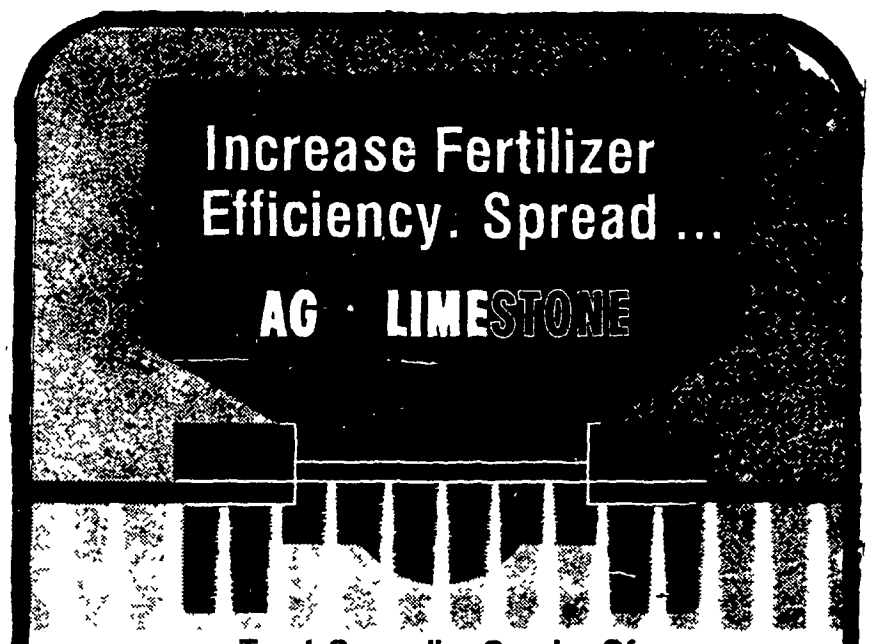

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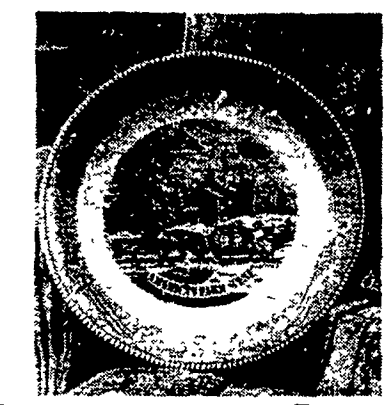

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Bartering

(Continued from Page E14)

reserve. Top candidates for such agreements, probably include Nigeria, Indonesia, Mexico, and Venezuela, which are cutting imports because their foreign exchange earnings have dropped along with sluggish oil demand and weak oil prices. Most oil exporting nations are interested in food and feed grains — commodities the United States now has in abundance.

The reasons for considering the barter option are evident enough. Large U.S. supplies of agricultural commodities stand face to face with weak demand resulting from the worldwide recession. Barter was used extensively by the United States and other nations to help maintain trade during the global depression of the 1930s.

Those supporting a revived barter program contend that it could help reduce the costs of CCC support programs by reducing the stocks of grain eligible for benefits, provide some relief to the U.S. balance of payments by saving oil dollars, and maybe lend some strength to producer prices.

Despite barter's appeal, however, it also has several shortcomings. Barter pacts present more obstacles than money-for-goods transactions because counter-trade requires what economists call "a double coincidence of wants." In other words, the seller cannot simply find a buyer who wants the seller's product; the buyer must also have a product to trade that the seller wants.

In money transactions, the sale of U.S. grain, for example, does not bind the United States to spend those earnings to buy a specific product from a specific country in the say way that barter links exports and imports together. Because sales and purchases are tied together, barter also requires elaborate negotiations to work out prices as well as quantities to be traded. Unlike an ordinary commercial sale where a commodity may be valued at an international market price and purchased by anyone with the money to pay for it, barter agreements frequently involved discounts or premiums.

And, though negotiations are usually complex, they must be timely, too. World market prices change rapidly, so lengthy talks may penalize one of the parties at the expense of the other. Likewise, a country's refusal to accept poor-quality shipments may jeopardize a needed market for that country's products.

Barter can be further complicated by bureaucratic rivalries in many foreign governments. Unlike a cash sale or purchase, a barter arrangement may require negotiations with two or more ministries of another government. Where those ministries compete for power and budgets, one ministry may be reluctant to release control over its supplies — oil supplies, for instance — to allow another ministry to receive U.S. goods and enhance its prestige.

Even in the United States, barter agreements involving different commodities, such as farm products for oil, require the coordination of different U.S. government agencies. This coordination is often not a simple matter, because each agency may face various legislative and budgetary limits on its ability to conduct such agreements.

Case in point: The 1981 farm bill requires that CCC stocks of wheat and corn be marketed at levels that are well above current prices. At the same time, the U.S. Department of Energy may not be able to offer compensating premiums in its valuation of oil offered by a foreign supplier due to its legislative mandate to pay reasonable prices or solicit competitive bids.

"One possible way around these restrictions would be an arrangement to barter U.S. grains from private, free market stocks on a case-by-case basis," Vogt suggests. "USDA could provide market information and monitor sales by private traders."

Among other commodities, cotton cannot be sold at less than 115 percent of the loan rate. Dairy products, rice, grain sorghum, barley, rye, and honey can be exported, but not at less than market prices. This could become an obstacle if a potential barter partner demanded a discount.

Other U.S. restrictions also apply. Barter agreements cannot replace cash sales, disrupt market prices, or interfere with long-term commercial markets.

These restrictions are designed to safeguard commercial sales an producer prices, but they can also constitute significant barriers to barter trade.

USDA, Perdue settle P & S complaint

WASHINGTON — The U.S. Department of Agriculture and Frank Perdue have agreed to a settlement of charges that Perdue violated the Packers and Stockyards Act by threatening to cut off supplies of his processed poultry products to some New York city area food distributors unless they stopped marketing a rival brand.

Perdue agreed neither to ask for a U.S. Supreme Court review nor to seek any modification of the U.S. Second Circuit Court of Appeals ruling last May that his marketing of ready-to-cook poultry is subject to USDA jurisdiction under the Packers and Stockyards Act.

USDA agreed to dismiss the charges.

The complaint had been in the courts for the past two years on the question of jurisdiction. The courts never considered the alleged violations.

B.H. Jones, administrator of USDA's Packers and Stockyards Administration, said recent surveys show the unfair practices alleged in the complaint against Perdue have been discontinued.

There is nothing in the dismissal order, he said, which would prevent USDA from filing similar actions in the future.

Perdue is chairman of the board of Perdue Farms, Inc., Salisbury, Md., one of the largest poultry suppliers on the east coast.

The Packers and Stockyards Act is a fair trade practices law, designed to maintain fair and open competition in the marketing of livestock, poultry and meat.

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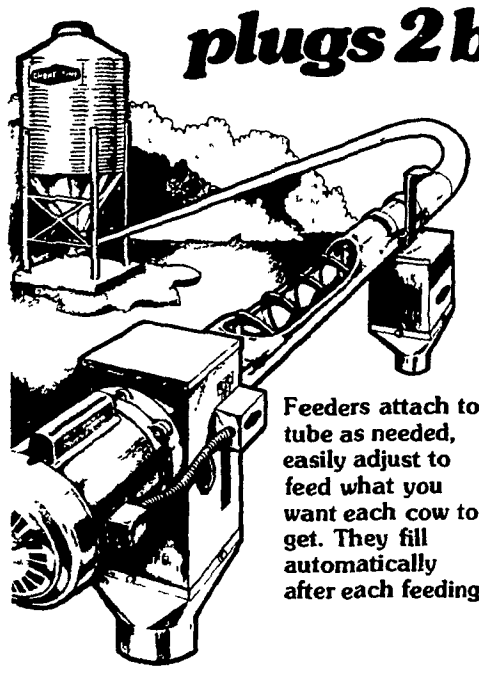

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Farm Talk

Jerry Webb

Five acres to feed us

Although we Americans are the best-fed people in the world, there really isn't much between us and starvation.

Department of Agriculture figures show that each of us depends on the production of about five acres of farmland. From that we get almost all of our food and at least some of our clothing and building materials. Add to that the frightening fact that a five-acre farm's soil averages less than a foot deep.

That means that thin little crust of topsoil must produce all of the food crops, feed crops, pastureland and farmstead space that's required for our sophisticated diets.

Of course, it hasn't always been that way. When the Pilgrims came, there were millions of acres and only a handful of people. But the ratio has been declining steadily ever since. There was a time when American farmers would "wear out" a farm and just abandon it and move on. There was always plenty more free land farther west.

But those days are gone and those worn-out farms have been reclaimed and urban sprawl has taken up where the migrating farmer left off. Starting in the east and spreading westward, it's claimed more and more farmland.

Department of Agriculture figures indicate that each of us relied on ten acres of farmland 50 years ago and eight acres 30 years ago. Fifteen years ago we had the use of six and one-half acres, but the current estimate puts the figure at less than five acres per person.

Here's how that five-acre farm divides up. Grassland pasture accounts for 2.12 acres; crop pasture adds another .41 acres and woodland another .53 acres. All crops add up to 1.72 acres and idle land, farmsteads and roads account for the rest.

Any forecaster worth his salt ought to be able to look ahead somewhere in the future and find the time when there'll be no land left for any of us, but until that day the efficiency of modern agriculture allows us to be the best-fed nation in the world. Even though our farm is half the size it was 50 years ago, it produces a whole lot more. And that's not the whole story because almost one acre out of every three of American cropland is currently producing for the export market. So your little farm is not only feeding you, but it's helping feed a foreigner.

If the thought of trying to feed yourself on five acres worries you, I can only say that your future rests in the hands of our efficient agricultural system. A combination of factors including owner incentive, agricultural research, profit motive, pride, and whatever else is at work keeping our food-producing system constantly running ahead of our need. And the experts say we haven't nearly reached our potential. New acres are being tilled each year despite the fact that this great nation has been farmed from coast to coast for many decades.

Dry-land acres are being turned into fertile gardens through the use of irrigation and commercial fertilizers and the end is nowhere in sight. New technology, new varieties, new systems allow us to create the equivalent of many new farms every year. Even though urban sprawl and other nonfarm uses continue to eat up valuable farmland, producers are staying ahead with double-cropping, even triple-cropping, doubled and quadrupled yields through fertilization and irrigation and pest control, and whole new farms from land clearing and drainage.

It's true we're living off of five acres apiece but it's the most productive five acres in the world and it's getting better. Two challenges lie ahead, it seems to me. One is to continue to make that little farm highly efficient and highly productive and the other is to keep that thin layer of topsoil from washing or blowing away.

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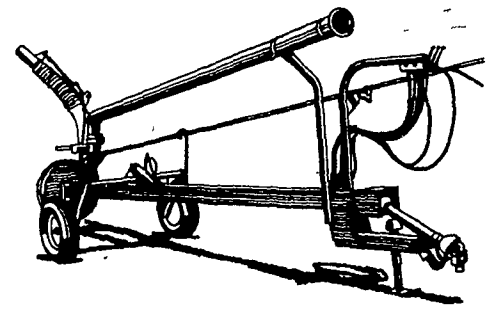

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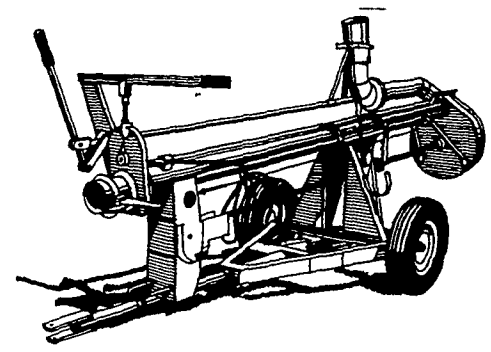

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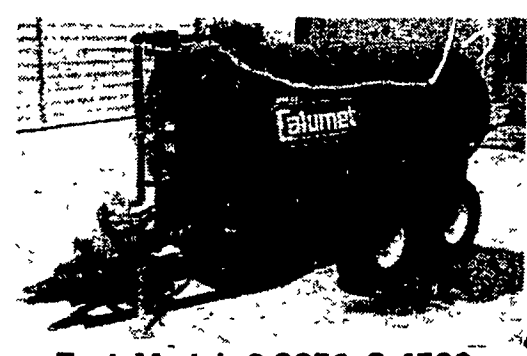

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Gold Performance titles go to P. Herefords

KANSAS CITY, Mo. — Three Polled Hereford bulls and two cows have achieved the Gold Performance Award, according to Jim Gibb, director of education and research of the American Polled Hereford Association.

The new Gold Performance Sires are EPH Vic Domino J11, owned by Elwing Polled Herefords, Pierce City, Mo., Hickory Hill Farm, Blacksburg, Va., and Knoll Crest Farm, Red House, Va.; Enforcer 107H, owned by Falklands Farm, Schellsburg, Pa., Wests Polled Herefords, Spanish Fork, Utah, Pudding River Polled Hereford Ranch, Salem, Ore., and Cen-Cal Polled Herefords, Pleasant Grove, Calif., and MSU Special Edition, owned by Michigan State Univesity, East Lansing, Storm Haven Farm, New Milford, Conn., Antonio Mountain Ranch, Petaluma, Calif., and My Way Farm Inc., Canfield, Ohio.

Newly qualified, Gold Performance Dams are BBL Victra 1103 570, owned by Ohnemus Hereford Farms, Milo, Iowa; and KCF Lady Victor 892, owned by Knoll Crest Farm.

The Gold Performance Award is part of the APHA's Superior Sire Program and recognizes outstanding performance at qualified bull test stations across the nation. To achieve Gold Performance status, a bull's sons must accumulate 100 points at qualified central bull test stations.

Cows are eligible for the Gold Performance Dam Award when their sons gain 35 points in the same manner. Points are earned on the basis of the average progeny superiority for yearling weight and average daily gain.

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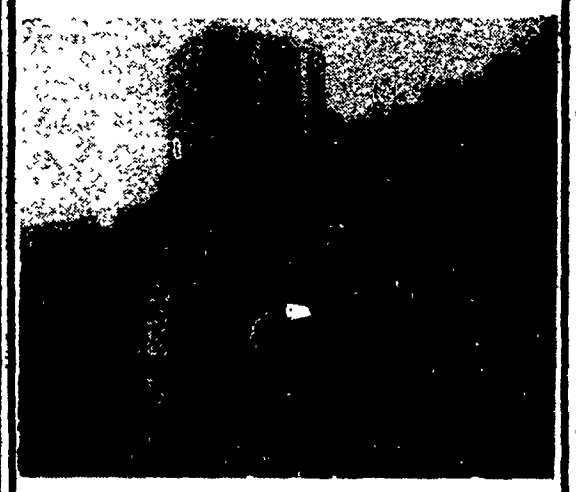

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Adams County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

September, 1982

OWNER	BRD	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Kling Ayr Farms	3	35 7	90 2	21,138		750
Noel & Holmes	3	59.9	88 4	19,649		746
Weim Sharr Farms	3	59.2	86 0	19,887		725
William Myers	B3	37 8	87 2	19,878		725
Brown Valley Farm	3	74 2	87 8	18,487		717
Stone Bros Dairy	G3	72 4	88 8	19,254		692
Roy A Weaner Jr	3	55 3	88.6	17,913		690
Yelow-Buttercup Farm	3	119.1	87 8	17,316		683
El Rho Farm	3	55 8	86 3	17,904		681
Penn Gate Farm RD 2	3	49 0	87 4	18,120		672
Leroy Deputy	B3	132 5	84 7	17,031		652
Piney Lane Guernseys	2	58 2	87 8	13,446		649
Ray Dutterer	G3	62 9	86 3	16,376		647
Eugene Witter	B3	72 1	89 2	16,857		643
William C Mearns Jr	B3	89 3	86 1	16,957		637
M J Starner & Sons	B3	115 6	88 4	15,942		633
Stone Manor Dairy	3	47.3	87 7	16,818		619
Claude Holmes Jr	3	47.2	78.8	16,084		616
George I Lauchman	B8	35.0	83.9	16,813		612
Way Brite Farms	B3	136.3	87 5	16,074		611
Richard K Herr	B3	104 8	86 2	16,178		604
Buttonwood Farms	3	129.0	86.8	17,059		604
Getty Acres	B3	171.9	83 4	16,111		603
Adam F Lobaugh	3	44 5	84 8	16,520		601
Wayne H Rodgers	B3	83.6	86.1	15,877		598
Kraybill Miller	B3	46.2	85.9	15,811		593
Robel Acres	3	94.2	86.7	16,338		589
GRN Manor Guernseys	8	25.1	85.2	12,274		589
Donald Todt	B3	51 0	85.5	15,901		578
Oscar E Mehring	B3	35.1	89.4	15,215		577
John J Hess	B3	111 6	85.6	14,949		576
Knud A Hermansen	G3	95.3	85 0	16,287		576
Grove Bros	B3	77 3	85 1	16,180		575
Ber Crk	3	62 7	85 7	15,110		572
Lagging Stream Farm	B3	117 3	81 2	14,752		571
Zeppdale Farms	B3	113 3	86 5	15,112		563
Roger L Sprague	B3	59.7	85 4	15,146		555
Bowlder Valley	B3	59 7	85 4	15,146		555
Rinker Bros	G3	41 8	83 6	14,907		553
Kehr Acres	3	68 1	87 5	15,302		552
James E Miller	2	41 4	80 3	11,759		551
Robert & Linda Meyers	B3	77 1	85 6	15,129		548
Rhodes Enterprises	B3	98 1	86 1	14,411		548
Kevin S Holtzinger	B3	220 3	87 2	14,756		546
Pleasent Acres	B3	55 8	86.8	12,947		526
MR & CS Durboraw	B3	59.0	86 7	13,941		523
Wm & Inskip	G3	68 3	88 6	13,813		521
Leroy Basehoar	B3	65 2	82 7	13,204		510
Frank Ludwig	B3	37 4	81 5	13,845		507
Pennstead Farm	3	40 1	87 9	13,525		501
Home Side Acres	B3	66 9	84 9	13,429		500
Richard Mills	G3	47 1	84 2	11,976		497
Tanger Guy	3	33 0	84 4	13,645		495
Shamrock Farm	B3	62.8	85 1	13,212		487
J Howard Stiles	4	53.9	85 9	9,568		485
Robert L Rohrbaugh	B3	66.4	86.2	14,525		482
Terrence P Murren	2	26.3	83 3	10,216		468
H & W Farms	B3	64.8	83.3	12,101		460
Glenn & Janet Lipp	B3	118.6	88 0	11,552		457
Robert C Hoffman	B3	20 4	95.5	11,713		436
Bonnie-Bud Acres	4	34 1	86 7	9,239		433
James C Behney	G3	53 4	84 5	11,277		410

All complete lactations of 650 lbs. fat or more

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Noel & Holmes						
Topaz	3	2-3	305	20,218	3.6	722
Pepsie	3	2-3	305	23,018	3.4	788
Stoner Bros. Dairy						
Ula	3	5-2	303	18,969	4.6	874
Zora	3	4-10	305	20,545	3.4	702
Terrie	3	4-11	277	18,738	3.5	657
50	3	4-2	294	24,162	3.1	752
51	3	4-1	297	19,885	3 4	668
Brown Valley Farm						
Victory	3	9-6	305	23,955	3.8	916
Tabby	3	6-0	305	17,185	3.9	667
Van	3	4-11	305	17,920	4.2	761
Vim	3	4-0	305	23,618	3.7	870
Advance	3	4-0	305	18,628	4 3	808
Adam F. Lobaugh						
Kim	3	3 3	287	15,726	4 3	669
Starlet	3	3 0	305	19,606	3 7	716
Robel Acres						
149	3	5-8	305	26,624	2 9	781
148	3	5-8	305	22,060	3 3	727
170	3	5-9	305	21,969	3 3	730

(Turn to Page E19)

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15H459 Penn-Dell Gay JESS
Excellent
HFA Type Summary (July/82)
32 Daus. Cl. 79.3 (actual) 80.6 (age-adj.)
Pred. Dif. (63% rpt.) +1.73 PDT
USDA Summary (July/82)
57 Daus. in 31 Herds (3 Eff. D/H)
Pred. Dif. (71% rpt.) +$131 +872M +.06% +41F

15H237 Green-Banks OAK STAR
Good Plus
HFA Type Summary (July/81)
27 Daus. Cl. 78.6 (actual) 81.1 (age-adj.)
Pred. Dif. (66% rpt.) +1.66 PDT
USDA Summary (July/82)
103 Daus. in 76 Herds (2 Eff. D/H)
Pred. Dif. (85% rpt.) +$138 +1,438M -.19% +22F

MORE TYPE IMPROVERS:

1H385 Ace	+1.61	1H238 Electra	+1.58
15H206 Charisma	+1.48	15H219 Duke	+1.28
15H175 Marvex	+.98	15H231 Very	+.92

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21 bulls with at least 70% repeatability
18 bulls with +PD for type

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Adams Co. DHIA

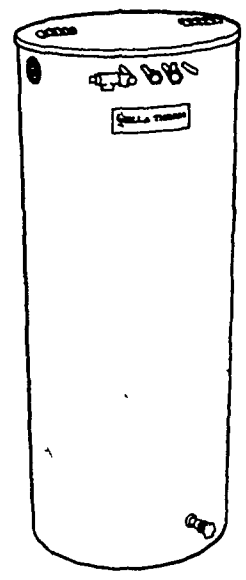
(Continued from Page E18)

68	3	5-3	305	22,258	3.6	799
92	3	5-0	305	24,164	4.2	1026
20	3	4-2	305	20,551	3.2	658
77	3	4-2	305	21,019	3.2	679
Piney Lane Guernseys						
Emily	2	9-8	305	16,588	3.9	650
Edith	3	6-9	305	17,343	4.6	794
M J. Starner & Sons						
146	3	7-8	305	17,666	4.5	803
8	3	6-11	305	27,202	3.6	967
22	3	7-0	305	18,633	3.7	693
161	3	3-11	305	19,422	3.7	714
James C. Behney						
95	3	8-5	305	17,075	4.3	742
Leroy Basehoar						
7	3	7-8	305	22,535	3.7	843
25	3	5-3	305	17,415	4.1	718
11	3	5-10	305	16,423	4.2	687
40	3	4-0	305	17,543	4.5	798
Donald Todt						
5	3	6-2	305	22,918	3.2	735
Tina	3	6-0	305	18,425	3.9	717
Rhoda	3	4-3	305	20,906	3 4	710
Kraybill Miller						
Dixie	3	5-8	305	20,813	4.0	830
Kling Ayr Farms						
Grace	3	7-8	305	24,885	3.5	860
Jan	3	4-5	305	23,380	3.4	795
Buttonwood Farms						
Bunny	3	8-5	234	17,418	3.8	664
Diana	3	4-3	298	18,199	3.8	697
Lagging Stream Farm						
Lori	3	9-3	290	15,817	4.3	685
Kate	3	5-5	290	18,062	3.7	671
Marilyn	3	3-0	305	14,803	4.5	664
Kehr Acres						
67	3	3-2	305	18,710	3.8	703
73	3	4-2	305	19,270	4.1	791
Ray Dutterer						
Dorothy	3	7-2	305	18,640	3.7	687
Liz	3	6-3	305	20,951	4 0	837
Helen	3	5-4	305	27,409	3.5	961
Happy	3	5-7	305	19,315	3 6	691
Mickie	3	5-5	305	18,210	4.1	740
Jacky	3	4-8	305	16,359	4.2	685
Jill	3	4-6	305	17,565	3.9	678
Star	3	3-10	305	18,988	4 2	798
Megan	3	3-5	305	18,123	4.1	742
Shamrock Farm						
47	3	3-7	305	19,320	3.5	676
El Rho Farm						
Quality	3	3-5	305	21,187	3 7	791
Karen	3	3-11	305	22,008	3 6	789
Robert & Linda Meyers						
98	3	8-7	299	21,184	3 6	773
23	3	4-6	287	17,362	4 0	689
Yelow-Buttercup Farm						
53	3	6-10	305	18,255	3.9	717
3	3	5-8	283	17,711	3.8	675
39	3	4-11	305	23,620	3.8	890
5	3	4-7	305	21,900	4.0	879
85	3	4-3	305	18,813	4.5	841
7	3	3-7	305	16,882	4.0	671
58	3	3-2	305	21,838	3.2	705
116	3	3-0	305	19,212	3.5	673
119	3	3-3	303	13,982	4.8	665
Weim Sharr Farms						
2	3	8-7	305	20,114	4.7	938
85	3	12-10	298	24,453	3.0	741
William C. Mearns, Jr.						
70	3	4-8	292	17,163	4 0	679
Grove Bros.						
42	3	7-8	305	19,739	3.5	697
20	3	4-7	298	19,552	3 6	703
Eugene Witter						
Janet	3	4-3	305	17,533	4.0	699
Way Brite Farms						
10	3	11-1	305	22,439	3.4	758
11	3	7-4	305	19,621	3.5	693
84	3	6-9	305	17,858	3.8	677
13	3	4-0	305	15,698	4.2	659
55	3	3-9	305	21,968	3.1	683
G43	3	3-2	305	17,290	3.8	663
Leroy Deputy						
C Mayne	3	8-5	305	20,260	3.3	676
Phobe	3	4-10	305	19,520	4.0	788
Kristin	3	4-0	305	19,057	4.2	797
Winky	3	3-11	305	16,323	4.4	715
Carol	3	3-11	305	15,728	4.5	714
Leroy Deputy						
Nancy	3	3-10	305	18,307	4 2	774
Curly	3	4-2	305	18,892	4.3	816
Orida	3	3-2	305	19,456	4 1	802
Claude Holmes Jr.						
Nellie	3	10-0	305	20,020	4.1	822
Maze	3	3-7	305	18,244	3.9	712
Wipples	3	3-0	305	14,269	4.7	666
Getty Acres						
121	3	7-1	305	20,842	3.5	727
171	3	5-9	305	24,393	3.9	958
200	3	5-1	305	21,086	3.3	696
273	3	3-11	305	20,935	3.4	702
375	3	2-3	305	18,007	3.6	653
Robert L. Rohrbaugh						
57	3	9-0	305	19,431	3 3	650
Zeppdale Farms						
1	3	3-0	305	16,737	4.2	704
Stone Manor Dairy						
Jan	3	5-11	305	20,995	3.4	719
Janaut2	3	2-11	305	22,056	3.2	709
Carlene	3	3-10	305	17,753	3.9	685
Rhodes Enterprises						
97	3	5-11	305	16,678	4.1	676
143	3	3-11	305	20,830	3.8	789
76	3	3-9	305	19,479	3.7	716
Ber Crk						
Erma	3	5-0	305	19,237	3.7	707
Julia	3	4-5	298	14,854	4.7	703
Grn Manor Guernseys						
Virginia	2	5-0	305	14,269	4 6	660
Kevin S. Holtzinger						
302	3	3-8	305	21,861	3.6	789
111	3	5-6	305	19,076	3.8	731
262	3	4-6	305	18,853	3.6	674
Home Side Acres						
Sis	3	6-8	305	19,140	3.4	654
Milton R. Hoffman						
19	3	4-0	305	16,539	4.1	677
Larry Holtzinger						
13	3	4-4	305	16,502	4.1	672
43	3	5-7	305	17,343	3.8	657
Richard K. Herr						
93	3	8-3	305	17,174	4 0	684
36	3	7-7	305	24,651	3.6	894
102	3	5-9	305	20,056	3.7	735

(Turn to Page E 20)

De Laval Dairy Automation

Della-Therm™ Energy Recovery Unit



The De Laval® Della-Therm energy recovery unit is one of the most practical ways yet devised to recover milk-heat energy. This advanced-design unit not only creates free hot water from an otherwise wasted resource, but does so without slowing milk cooling rate or placing an extra burden on the refrigeration system. In fact, in many instances, this unit can help the milk cooling system operate with less energy. And the Della-Therm's unique tube-by-tube heat exchanger will recover sufficient energy to heat about two gallons of hot water per day per cow being milked.

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DE LAVAL

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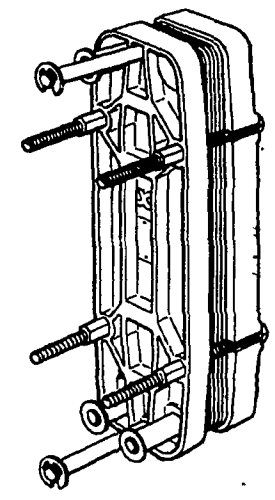
DE LAVAL

De Laval® P-30A™ Plate Cooler



Today's cost conscious dairyman knows that cooling milk quickly is necessary to preserve milk quality and flavor but can also be expensive. That's why many dairymen are saving on refrigeration dollars by utilizing a simple, yet effective De Laval plate cooler as part of their cooling system. The P-30A plate cooler can be adapted to three types of systems, using well water, ice water or a combination of both. And best of all, with a pre-cooling system, energy costs can be cut an average of 50%, depending on well water temperature.

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Dauphin County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

September, 1982

OWNER	BREED	NO. COWS	LBS. MILK	LBS. FAT
Restful Acres	Holstein	85 3	20,679	733
John Hertzler	Holstein	75 3	18,123	695
Robert J Schaffer	Holstein	60 6	17,776	657
Catalpa Farms	Holstein	116 6	16,765	643
Roy M. Brubaker	Holstein	67.8	18,555	640
R H Beach, Jr	Holstein	45.4	17,045	637
Larry L. Boyer	Holstein	23 7	17,138	635
Wil-Lene Farms	Holstein	62 7	17,657	631
Earl Campbell	Holstein	54 5	15,911	630
Calvin B Mauser	Guernsey	67 7	13,544	630
J Melvin Brandt	Holstein	67 1	16,465	626
John Roy Book	Holstein	65 1	17,609	619
Crissinger Dairy	Holstein	81 7	16,430	616
Lytle Farms Inc	Holstein	102 0	16,995	615
Elwillo Farms	Mixed	119 1	16,349	606
Roy C Wilbert	Holstein	29 9	16,296	598
Harold M Nissley	Holstein	45 0	17,156	591
Dale F Faust	Holstein	33 2	16,373	588
J Richard Alwine	Holstein	54 0	15,776	587
Wilmer Campbell	Guernsey	62 4	12,792	574
Robert Oellig	Holstein	39 2	14,946	568
Mahlon I. Lehman	Holstein	54 1	15,543	566
Stoney Lawn	Holstein	57 7	15,578	565
Donald Engle	Holstein	61 3	15,581	564
Arthur Brandt	Holstein	102.4	15,070	560
Paul E Clugston	Holstein	95 2	14,593	555
James Lesher	Holstein	41 4	15,054	554
Conewago Farms	Holstein	47 2	15,011	548
Ed Kuntzelman	Holstein	26.6	14,832	547
Great View Farms	Holstein	54 0	15,550	531
Sher Mar Acres	Holstein	38 1	14,655	531
Lauden Farms	Holstein	166 7	14,560	529
Walter Schaffer	Holstein	37 3	12,764	525
A Grand View	Holstein	94 7	14,819	522
Oel-Dell Farms	Holstein	44 7	14,441	516
Earl E Keefer	Ayshire	81 4	13,632	515
Bryncoed Farm	Jersey	135.4	10,766	514
Homer Campbell	Holstein	83.9	13,415	510
Floyd Feidt	Mixed	69.2	13,141	509
Donald M. Deemar	Holstein	43.7	13,453	502

305 day lactation records above 600 lbs. fat.

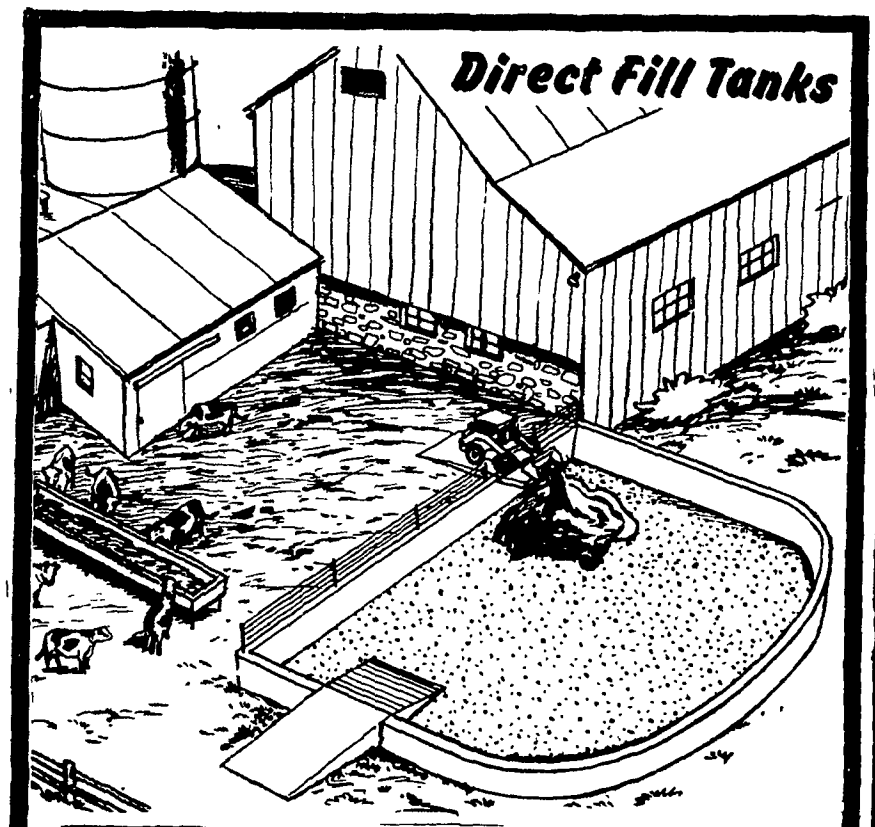
OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS. FAT
John Hertzler				
Alicia	9-1	15,026	4.0	602
Helma	7-1	21,442	3 6	774
Laddie	2-2	17,371	4.1	710
Fern	2-8	17,928	3.7	672
Jill	2-2	17,991	3.6	649
Conewago Farms				
GR-37	4-1	17,240	3.8	656
Robert J Schaffer				
Cassie	6-3	16,219	4.3	703
Coleen	5-10	23,401	3 7	860
Ellen	4-2	19,016	3 8	728
Tonette	3-0	19,898	3 6	709
Dody 3	3-1	17,996	4 3	772
John Roy Book				
Ida	9-8	22,061	3 5	776
Sherry	7-5	19,177	3 8	729
Spot	6-1	24,121	2 8	678
Zula	5-2	21,133	3 8	808
Darkie	4-2	15,285	4.6	701
Sarah	4-0	20,454	3.3	682
Pokey	3 2	18,725	3 6	666
Stoney Lawn Farms				
Autumn	6-0	20,680	3 2	670
Sonja	7-4	20,319	4 1	835
Dot	3-8	17,165	4 2	715
Lytle Farms, Inc				
Leona	10 10	17,021	4 5	760
Betzy	7-11	20,492	3 0	620
Lola	7-7	25,978	3 3	851
Carol	6 9	21,400	3 7	784
Rosie	5-9	18,013	3 6	641
Lorine	5-3	17,867	3 8	674
Birdie	5-1	18,570	3 6	674
Daniell	4-4	18,793	3 7	697
Jo	4-2	22,570	4 1	922
Corinne	4-2	19,145	3 5	676
Charo	3-3	17,511	4 3	753
Holly	3-3	19,884	3 6	714
Jeri	2-1	13,837	4 4	603
Crissinger Dairy Farm				
Amanda	8-3	19,064	3 7	696
Carrie	6-11	17,502	4.3	750
Annette	2-1	14,807	4.1	610
Mahlon L Lehman				
Keri	3-5	17,956	3 8	687
Barb	3-8	19,726	3 7	721
J Melvin Brandt				
Freda	7-6	20,681	3 8	786
Sharon	5-4	17,028	3 7	633
Starla	4-11	23,296	3 8	883
Pepsi	4-8	20,765	3 8	789
Bernice	4-1	20,778	3 7	761
Pebbles	3-8	20,074	3 7	736
Wilmer Campbell				
Opearl	6 5	15,719	4 2	663
Harold M Nissley				
Monica	7 1	20,782	3.4	716
J. Richard Alwine				
Jean	7-2	21,638	4 5	982
E. Nancy	7-0	20,295	3.7	743
Maggie	6-1	16,754	3.8	635
Pamela	3-10	19,966	3.6	720
Model	6-7	18,725	4.0	748
Catalpa Farms				
Maiden	5-11	20,656	3.9	796
Katrina	5-10	21,954	3.5	779
Rachel	4-8	16,569	4.3	717
104	4-2	15,726	3.9	611
102	4-3	17,631	4 2	736
Judy	4-4	17,894	4.0	724
140	3-2	18,696	4 0	745
Stanley R Long				
Aggie	3-2	17,279	3 5	610
Neta	3-4	16,146	3.7	605
Restful Acres				
Satin	7-2	17,803	4.2	750
Twinkle	5-7	19,991	3.9	773
Bo Peep	4-9	24,034	3.1	748
Daffy	4-2	18,279	4.2	768
Marjo	4-3	23,751	3 4	802
Darlene	3-3	16,006	4 4	698
Birdie	2-11	26,234	3.2	829
Deanna	2-1	16,146	3.8	612
Style	1-11	24,138	3.1	755
Captain	1-11	17,900	3 4	600
Neptune	2-0	19,310	3.6	697
Tasty	1-11	24,330	2.9	697
Robert H Beach, Jr				
85	7-1	17,895	4 3	771
Lauden Farms				
120	4-6	17,846	4 2	742
129	4-6	17,825	3 6	648
48	0 0	21,886	3 5	773
187	3-8	18,699	3 6	669
Gary E Miller				
R4	5-1	16,665	3 8	625
Donald Engle				
48	5 1	19,887	4 4	866
14	4 2	17,789	3 7	660
53	2-7	15,799	4 1	645
Great View Farms				
Frostly	7-8	18,617	3 4	624
Earl Campbell				
118RH	4-9	15,535	4 0	629
131	2-10	16,080	3 8	607
Roy M Brubaker				
Edna	4-4	24,028	3.4	806
Mary	4-1	22,109	3.4	745
Elaine	3-3	18,381	3.5	652
Gaylady	3-9	18,592	3.6	667
Sher Mar Acres				
89	6-10	15,236	4.3	660
Paul E Clugston				
70	8-1	18,420	3.8	698
71	3-3	15,104	4 5	685
107	2-4	16,866	4 0	672
169	1-11	13,899	4 7	655
James Lesher				
Judy	0-0	17,567	3 8	665
Wil-Lene Farms				
11	10-0	21,176	3 4	725
25	6-11	18,318	3 8	700
Roy C. Wilbert				
Jennie	3-3	17,650	3 6	631
Jeff Rose				
38	5-3	17,835	3 7	668
Oel-Dell Farms				
16	7-1	16,828	3 8	634
A Grand View				
7	6-0	23,132	3 2	749

(Turn to Page E21)

Adams Co. DHIA

(Continued from Page E19)

26	3	5-5	305	22,810	3 7	846
118	3	4-1	305	19,267	4 0	774
100	3	4-1	305	19,615	3 5	686
56	3	3-6	305	19,730	3 7	728
131	3	3-8	305	25,306	3 2	822



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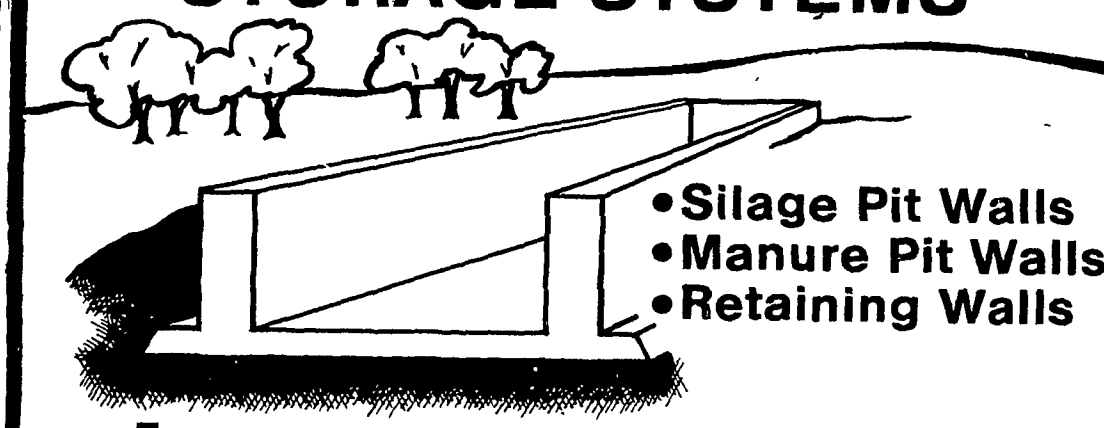

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N.Y. bulls ready for collegiate test

ITHACA, N.Y. — Fifty beef cattle producers have nominated 85 bulls for the 1982-83 New York State Bull Test which will be conducted at the Cornell University Livestock Teaching and Research Center at Harford.

The bulls, all purebreds born between Feb. 15 and May 1 of this year, will arrive on campus Nov. 5 and 6 for an orientation period.

The 140-day test officially begins Nov. 29 and 30 and will end April 19, 1983.

The current class of "undergraduate bulls" includes 32 Angus, 23 Polled Herefords, 13 Simmentals, 9 Charolais, 3 Shorthorns, 2 Red Angus, 1 Salers, 1 Scotch Highland, and 1 Welsh Black.

The New York Bull Test is sponsored by the New York Beef Cattlemen's Association, the State Department of Agriculture and Markets, Cooperative Extension, and the animal science department at Cornell.

The performance testing program provides an evaluation of young bulls under unbiased, uniform conditions. The bulls meeting certification standards at the close of the test will be offered to beef cattle breeders at the annual Bull Test Sale which is scheduled May 8.

Dauphin Co. DHIA

(Continued from Page E20)

Arthur Brandt				
Fancy	6-10	18,894	3.6	680
Sandra	5-2	17,582	3.6	631
85	4-10	18,175	3.8	684
88	5-1	17,619	3 6	643
Sassy	4-2	19,123	3 7	701
Hickory	4-2	18,554	3 6-	660
Elwillo Farms				
129	5-5	16,513	4.3	714
176-R	3-9	17,211	3.6	621
Larry L. Boyer				
Chief	2-11	16,871	3.9	650
Dale F. Faust				
Bossy	9-10	21,558	4.0	871

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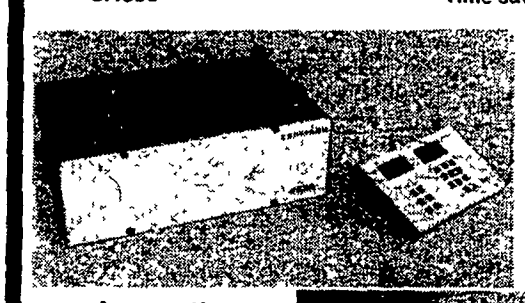
- Better physical condition of the cows
- Cow calendar



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- CODATRON feed program with 24-hour cycle (24 intervals)
- Input and readout of feed amounts in lbs.
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- Optional automatic or manual start of the feeding program

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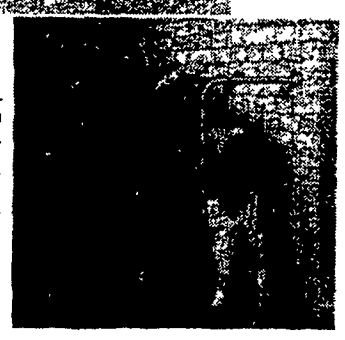

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- Printer connection
- Choice of one or two types of feed
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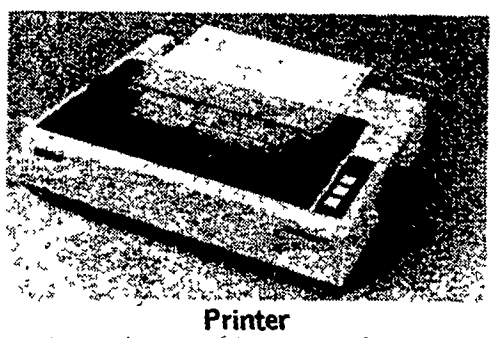
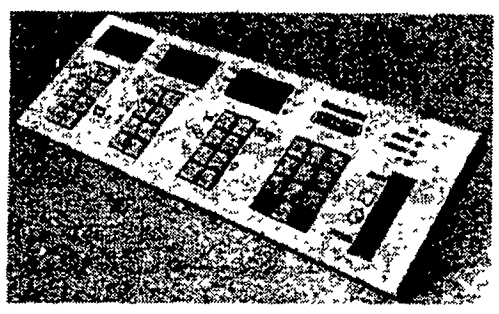
  - daily consumption
  - daily consumption per feeding box

  (for all types of feed)
- A percental increase or reduction of the daily feed ration can be implemented for the whole herd (changes in the quality of the feed)



Printer

A printer can be supplied on request for the models F 26 and L which prints out the data stored in the central computer either automatically or on request The printer is a useful extension to the cow calendar and is practically indispensable for herd management Uses standard 8½"x11" computerized paper - not an adding machine type paper



Model L

- Cow calendar
  - input of calving date
  - rutting-season and with calving-time control
  - determination of lactation stage
  - input of date of dry time
  - start of concentrate feeding before calving
- The control panel already has the functions for milking parlour operation (storage of the various data for each cow).

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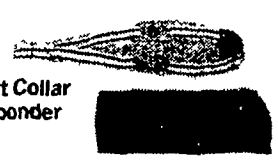

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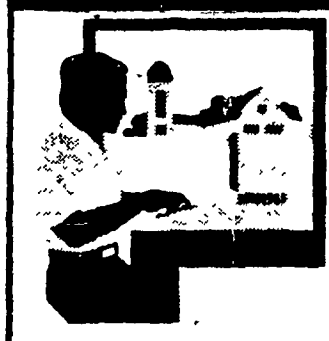

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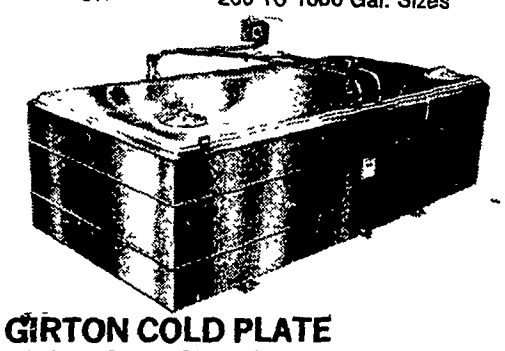

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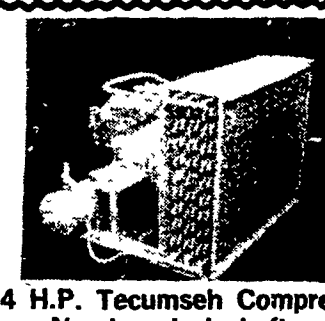

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Ask the VMD

Leon Riegel

Donald Yorlets

Edgar Sheaffer

A reader asks:

Is ringworm related to a dietary deficiency in cattle? What would be lacking in the diet to cause ringworm?

Dr. Yorlets Comments:

It is unlikely that nutrition has a significant effect on the occurrence of ringworm. While a high plane of nutrition is essential for good health and optimal performance, only grossly inadequate diets would render an animal more susceptible to ringworm infections.

It is well known that Vitamin A is essential for healthy skin; however, it has been shown that feeding increased amounts of Vitamin A does not prevent nor control ringworm infections.

Ringworm is a disease of the skin caused by a fungal infection. Ringworm affects all ages and breeds of cattle; however, it is more common in calves during the winter months. The infection is characterized by heavy gray-white crusts about one inch in diameter.

The lesions occur primarily on the head and neck. The cause of the disease is exposure to other infected animals or contaminated environment. Lesions appear in approximately four weeks and expand and grow over the next four to eight weeks, then slowly regress during the next eight to sixteen weeks.

Ringworm is transmitted by spores produced by the fungus which comes from direct contact with infected animals or by exposure to an environment contaminated with spores from infected animals. The spores live for years and may cause annual outbreaks.

The diagnosis of ringworm is usually made by the characteristic lesions; however, special tests are available to confirm the diagnosis.

Treatments for ringworm are numerous and varied. It should, however, be pointed out that most cases of ringworm, if left untreated, will resolve themselves spontaneously. This may account for the apparent success of some treatments, particularly if the disease is treated in the later stages.

It should be stressed, however, that extremely severe cases, if left untreated, can result in death. Ringworm should be treated promptly to prevent the progression of the disease on individual animals, as well as to halt the spread to unaffected animals and contamination of the environment.

Most treatments for ringworm are applied directly to the lesions. Before this is done, the lesions should be thoroughly cleaned and scrubbed with a wire brush to remove crusty scales so that adequate penetration of the medication can be achieved.

Various treatments follow:

- Ten percent tincture of iodine is probably the oldest and most frequently used treatment
- Four percent Bluestone solution
- Iodine-glyceral mix
- Five percent lime sulfur
- 2.5 percent formalin
- Captan mixed as a spray - ½ lb. per 20 gal. water and applied with high pressure (400 psi) at the rate of 1.5 gal. per animal each week for 2-3 treatments is effective in preventing the spread of ringworm.
- One percent or five percent thiabendazole ointment applied topically every three days for three treatments is effective.
- Intravenous sodium iodine has been used with some success - 50-100 ml. of a twenty percent solution.
- Griseofulvin is highly effective, but is expensive and usually used only on valuable animals.

Prevention of ringworm should be attempted when practical. This includes isolation of infected animals to limit the spread of spores and environmental contamination. Ringworm is a common diesease of only minor economic importance.

One last word of caution: Humans can develop ringworm from infected animals. See your family physician if you have been exposed to an infected animal and suspect that you have been infected.

Record Angus entries at North American

St. Joseph, Mo. — A record 438 breeding cattle have been entered in the open and junior Angus shows at the 1982 North American International Livestock Exposition in Louisville, Kentucky, reports Richard Spader, executive vice president of the American Angus Association.

"Although not designated a national show this year, the North American Angus show is still considered a major event by Angus breeders," Spader explained. "That's because the annual meeting of the American Angus Association and other related activities will be held in conjunction with the show Nov. 14-16."

The open show which will be judged Monday and Tuesday, Nov. 15 and 16, has 355 entries. Show judge is Mark Richardson, Afton, Oklahoma. The junior show with 83 head entered also is one of the largest junior entries of any breed for the North American. It will be judged beginning at 9 o'clock Sunday morning by Dee Woody, Carbondale, Illinois.

Some 2,000 people usually take part in the Angus activities at the North American each year. This year the annual meeting of the Association is set for Monday, Nov. 15 at 2 p.m. in the East Hall of the Exposition Center. The annual banquet will be that evening at the Executive West. Guest speaker for this event at the Executive West. Guest speaker for this event will be Baxter Black, DVM, cowboy poet, author and noted public speaker.

On Sunday, the open committee meeting of the American Angus Association will be held. It's theme will be "Advertising—How to get more bang from your bucks." Guest speakers will be Ted Price, Omaha, Nebraska, and Charles Wellborn, University of Florida, Gainesville. A reception for all Angus breeders is set for 6 p.m. Sunday evening in the Executive West. The open bull show beginning at 9 a.m. Tuesday morning, Nov. 16 will conclude the Angus activities.

Del. schedules Hort meetings

NEWARK, Del. — This year's Peninsula Horticulture Society meetings will be held Nov. 16 and Dec. 9 at the Wicomico Youth and Civic Center in Salisbury, Maryland.

A nursery and greenhouse program on Tuesday, Nov. 16, from 9 a.m. to 3:45 p.m., will cover the following topics: fertilization techniques for greenhouse crops; energy conservation in greenhouses; trouble-shooting plant problems in greenhouse and nursery; compost for nursery, bedding and potted plants.

The fruit and vegetable program on Thursday, December 9, from 9:30 a.m. to 3 p.m., will cover: peach and strawberry production; sweet corn for fresh market; common sense use of drip irrigation; techniques for transplant production; sweet potatoes; white potatoes; managing a multicrop system; and brambles and blueberries.

For further information contact county Extension offices in Delaware or Maryland.

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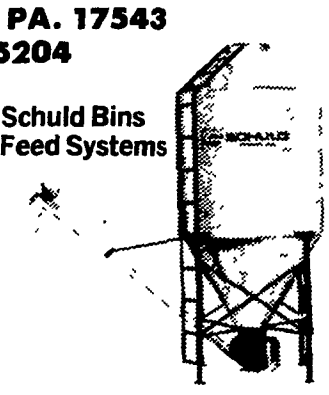

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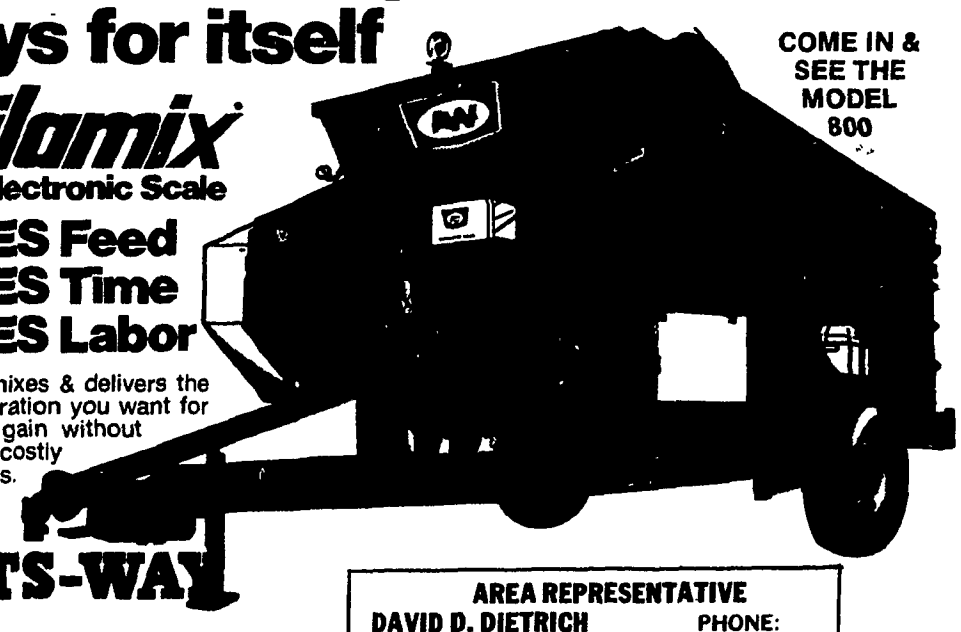

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Murray joins Adams Extension

UNIVERSITY PARK — William W. Murray, III, has been named to the Penn State Cooperative Extension Service as assistant county agricutural agent assigned to Adams County.

W. Wayne Hinish, associate director for Extension, in announcing the appointment said Murray began his educational duties Oct. 18.

As a member of the Adams County Extension staff, Murray will work with livestock and poultry producers, crop farmers and residents of Adams in Assisting with the local Extension program.

A native of Duncansville, Blair County, he prepared for college at the Hollidaysburg High School and earned a bachelor's degree from Penn State in 1976, majoring in animal industry.

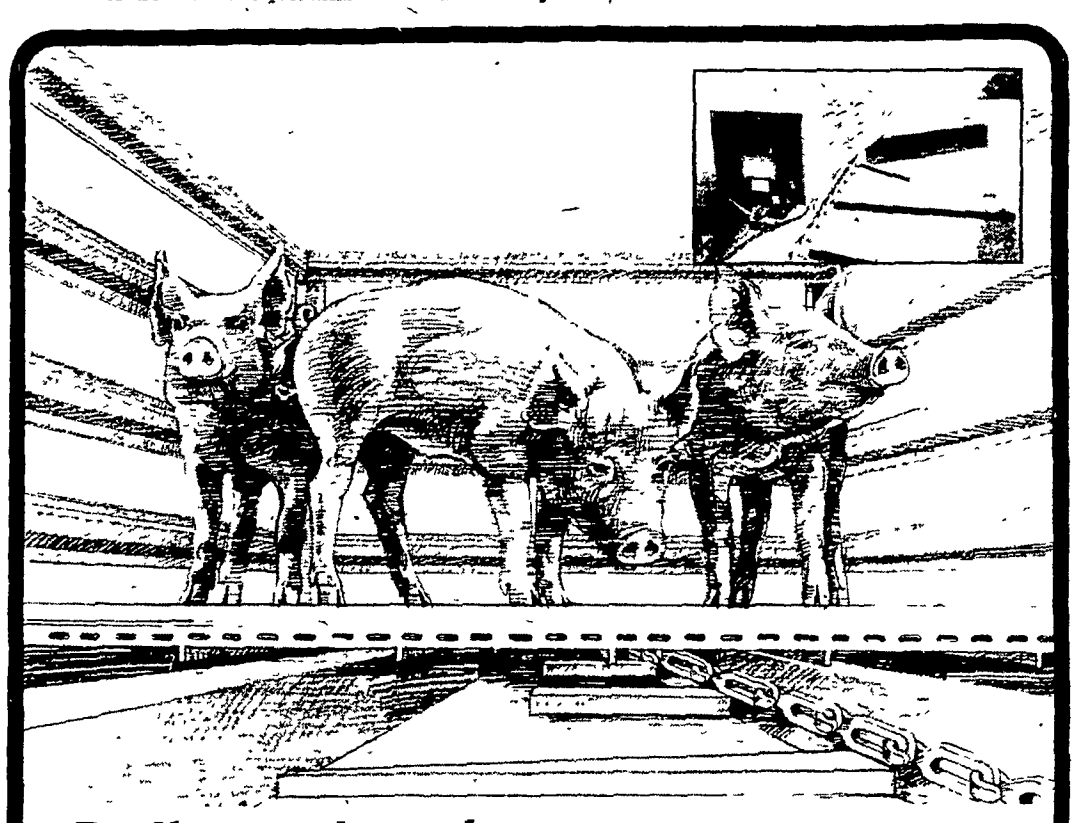
While in college, Murray was a member of the Poultry Science Club.

Following graduation, from Penn State, he worked five years as a poultry, buyer for Empire Kosher Poultry, Inc., Mifflintown.

For the past year and a half, Murray has been an investment counselor for Shearson-American Express, Harrisburg, where he obtained experience in the trading of agricultural commodity futures.

Murray is the son of William W. Murray, II, of R3, Duncansville.

In Adams County he will be associated with Thomas E. Piper, county Extension director; Jared K. Tyson, county agent for 4-H; and Helen Tunison, Extension home economist, with offices in the Adams County Services Building 1135 Chambersburg Road, Gettysburg, PA 17325.



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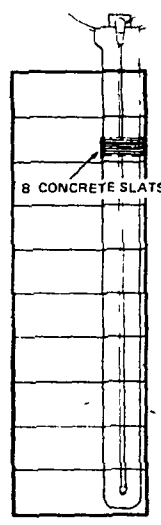
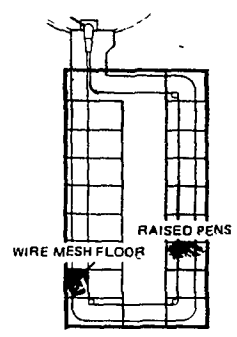


Hog Finishing



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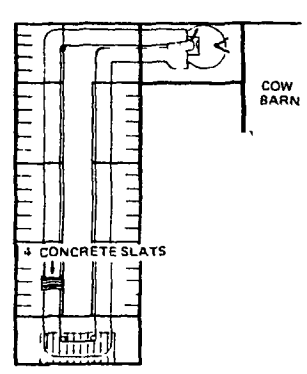

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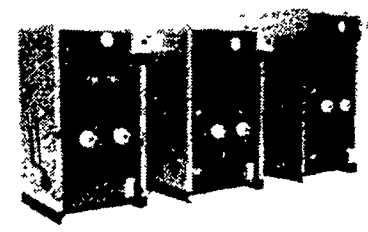

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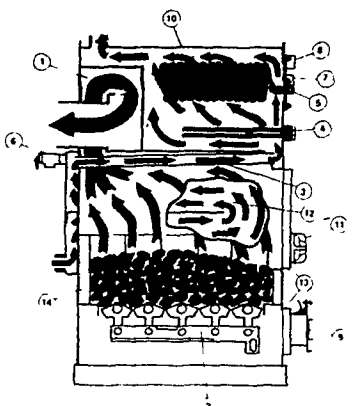

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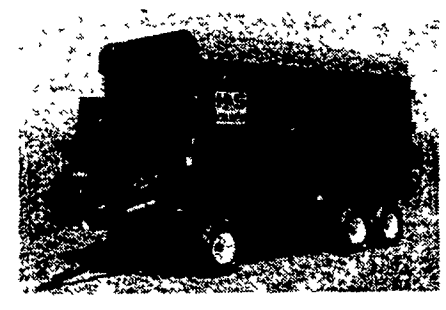

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Md. State Grange adopts new policies

FREDERICK, Md. — Maryland State Grange recently held its 108th annual session in Frederick, Maryland, Committees report and legislative policies were adopted for the coming year.

Agriculture and Conservation report was presented by Chairman Jesse I. Burall and Lynn Hoot. Md. Grange reaffirms the following:

—opposition to use of ratcheting in the development of electric rate schedule.

—support of Federal Milk Marketing Order Program and encourages its continuance.

—supports maintenance of government-owned/leased property according to practices recommended by Soil Conservation Service.

—supports offer of reduced interest loans to bonafide new entry farmers by Farm Credit System and Farmers Home Administration.

—supports legislation requiring deposit on recyclable containers.

Supportive of new policies:

—condemning subsidized international trade of agricultural products.

—Maryland Cooperative Extension Service inclusion of crop insurance information in 1982-83 farmer educational meetings.

—state and county adoption of guidelines: 1. chemical analysis of sewage sludge to be applied to agricultural land should be provided to the farmer; 2. sludge with heavy metal content exceeding standards established in the guidelines should not be applied to farmland; 3. a soil test should be made to determine rates of application of sludge; application rate should be in accordance with crop needs; 4. sludge should be spread uniformly on farmland and conservation practices should be used to prevent excessive runoff.

—concept for dairy farmers to raise funds for advertising, research and promotion of dairy products and encourage members to cut back milk production and maintain margins by improving efficiency.

—any changes in Agricultural Use Assessment Law include income tests as well as acreage limits.

—funding of soil conservation laws at a level that will provide personnel to carry out the programs.

—delegation to the states the responsibility of dredge and fill permit authority currently administered by U.S. Army Crops of Engineers.

—continued and enhanced state funding for acquisition of preservation easements and encourage counties to contribute local matching funds and continued annual allocation of a portion of Real Estate Transfer Tax revenues as state funding for Maryland Agricultural Preservation program.

—legislation which would exempt from Federal estate tax the value of farmland which is being actively farmed at death by a person who leaves such farmland to his immediate family provided the family member continues active production for not less than five years.

—legislation restricting use of chemicals used in weather modification to registered applicators and approved by appropriate federal agency.

—development of educational programs which demonstrate advantages of modern animal husbandry, and opposes legislation and/or regulations that would hinder good animal husbandry practices and lead to increased costs to consumer for animal products.

—current multi-state pork industry survey being conducted by Virginia Polytechnic Institute and State University and urges Maryland hog producers to cooperate in the study by providing needed data.

Opposes:

—trade embargoes as a first choice of action, but should all alternatives fail, short of military action and a trade embargo become necessary, state Grange suggests federal government embargo all products, agricultural and industrial.

Grange/Farm Bureau Tax Committee report supports:

—balanced federal budget accomplished by limiting spending rather than increasing taxes.

—monitoring of tax rates and adjustments when necessary by government officials since inflation causes taxes to rise faster than real incomes.

—modification of formula for allocation of transportation funds to assure adequate funds for construction and maintenance of roads and bridges.

—legislation allowing counties to use part or all of their local share of open space monies for preservation of agricultural land.

Safety Committee Report presented by Winfield Archer, Harford County, supports:

—recommending safety of public as a prime consideration in sentencing and release of any convicted or declared mentally incompetent person.

—installation of lighting to eliminate hazardous conditons at State Routes 99 and 32 in Howard County.

—stricter enforcement of laws and more consideration for victims in criminal cases.

—participation by subordinate Granges in safety projects, classes, demonstrations and displays.

—efforts of Farm Safety Specialists of University of Maryland Cooperative Extension Service to reduce human and economic losses and urges continued state and federal support of the position.

—membership in Maryland Agricultural Safety and Health Federation.

Reaffirmations supporting:

—CPR and first aid courses

—participation of fire and rescue personnel in "farm accident classes" conducted by Maryland Fire and Rescue Institute and Maryland Cooperative Extension Service.

—participation of Granges in crime prevention programs.

—proper identification and lighting of homes with easy-to-read numbers.

—promotion of proper storage and identification of hazardous materials on the farm so they can be readily recognized by fire and rescue personnel.

—return of the helmet law.

—use of tail lights or "running lights" or have someone follow equipment with a vehicle equipped with tail lights when moving equipment on the road at night.

—better marking and visibility clearance provisions at highway intersections and railroad crossings.

—marking of trees and utility poles situated exceedingly close to edge of roadways with reflectors and markings.

—use of seat belts and restraints by adults and children in all vehicles.

—use of smoke detectors in all residences.

—proper treatment of hazardous (toxic) wastes and opposes the use of any dumping site that would affect prime farm land or water drainage, or air.

—use of stop decals or labels for all motorized equipment in accordance with established criteria of Maryland Agricultural Engineering Department and Maryland Agricultural Safety and Health Federation.

—Transportation and Roads Committee report given by Luther Naylor supports:

—mandate to gas suppliers to use gas that is locally produced where economically feasible and a gradual decontrol of all natural gas prices by Jan. 1, 1985.

—University of Maryland study of crops and plants that will best serve country as alternate energy sources.

—efforts of Congress to revise the Clean Air Act to promote health and economic vitality of America and opposes manditory emmision inspection and request Maryland state standards not be more stringent than national standards.

Reaffirmation and support:

—development of domestic energy resources by private enterprise.

—Congressional funding the revenues of Highway Trust Fund in order to avoid spending shortfalls.

—Maryland legislature enact laws to keep funds received by gasoline tax increase to be used only for maintenance of roads and bridges.

—Health and Education Committee Report given by Harold Stevens supports:

—importance of vo-ag program.

—exemption from collecting Maryland sales tax on fund-raising activities by fraternal non-profit community service-oriented organizations.

—sign language and deaf awareness programs.

—convenient packaging of milk and maintenance at 45 F or lower prior to serving or preparation.

—prompt removal of candidates' signs and posters after election.

—system preventing persons from receiving "cash change" from a food stamp purchase.

—education for tenants and property owners of their legal rights and responsibilities.

—portion of a prisoner's salary be paid to victims of the crime as restitution.

For more information regarding the Maryland State Grange's position on issues contact Joyn O. Swadley, Master of the Maryland State Grange at 1615 Woodlawn Drive, Hagerstown, MD 21740.

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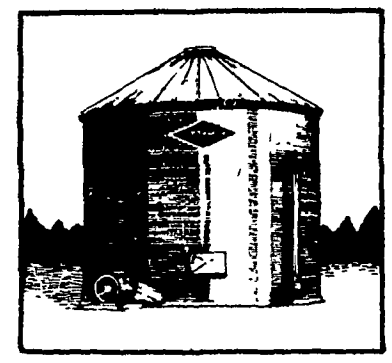

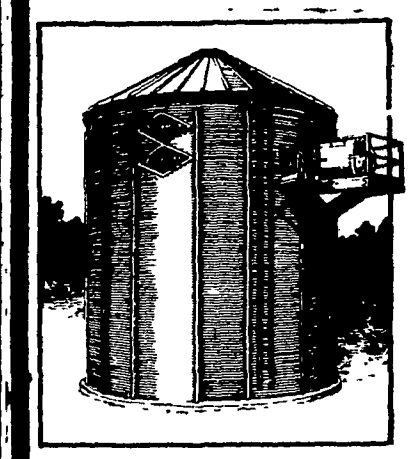

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LOOKING AT THE LIVESTOCK PICTURE

By H. Louis Moore

Penn State Marketing Specialist

More Uncertainty Ahead for Agriculture

Surplus grain stocks will keep grain prices will to livestock producers low in the months ahead. The 1982 wheat harvest set a new record. New records are a virtual certainty for the corn and soybean harvest, which is just getting underway. With crop use expected to increase only marginally, stocks will build sharply during the next year. Corn stocks, which totalled 2 billion bushels on Oct. 1, are likely to reach 2.8 billion bushels by Oct. 1, 1983.

About 75 percent of the wheat stocks and 83 percent of the corn stocks will be under loan or in the farmer-owned reserve. Direct government payments to farmers may total $4.5 billion this year, a new record. Last year's payments totalled $1.9 billion, and the previous high was $3.9 billion this year, about 25 percent would come from government payments. The ability of cash grain farmers to withstand another year of low prices is a concern, even though low grain prices will help segments of the livestock industry to survive.

Meat demand fails to expand

At mid-year it was anticipated that the economy would recover and consumer confidence would return. The income received by consumers as a result of the tax cut and boosts in social security payments should have increased the purchases of meat. This anticipated income increase did materialize. July personal income for the U.S. on a seasonally adjusted basis was $25 billion greater than in June.

Where did consumers spend this extra income? They have such deep-rooted concerns about the economy that they put nearly all of the extra income into savings — $24 billion of the $25 billion extra. As long as this money stays in savings, it will not be used to boost purchases of meat, autos, or houses.

Hog report surprise

The Quarterly Hogs and Pigs released on Sept. 22 was a total surprise. The prospects of cheap feed and high profits in hogs should have prompted producers to have substantial expansion underway. Hog producers are, however, still cutting production. They have 12 percent fewer hogs on farms than a year ago, and breeding numbers are down 13 percent. Producers intend to cut December 1982 - February 1983 farrowing 4 percent below the low level of a year ago. The hog business should be profitable for another year.

The December report is expected to show some expansion taking place. It is unusual for high hog prices and low corn prices to exist for any length of time. Currently corn is worth about $5 bushel when fed to $61 hogs, about double what the corn is worth on the cash market. With this kind of ratio, producers are expected to add extra pounds to their hogs before sending them to market.

No beef grade change

The USDA has withdrawn its proposal to revise beef grades. There was a strong perception in the more than 4,000 comments received that the proposed change would reduce beef quality, leading to consumer confusion and a lessened demand for beef.

The truth is that the demand for lower-quality, nonfed beef has been increasing anyway as more meals are eaten away from home. A large share of the beef eaten away from home is ground beef made from lower-priced cuts. In the last 2 decades the share of consumer beef expenditures away from home increased from 36 to 43 percent. Along with a trend toward lighter diets, this increase indicates that a large share of total beef demand consists of the cheaper cuts of beef.

How much grain to Russia

In the marketing year ending Sept. 30, 1982, the Soviets purchased 7.8 million tons of corn and 6.1 million tons of wheat for a total of 13.9 million tons. Even though the Soviets recently purchased 1.5 million ton of corn for delivery during the marketing year which began on Oct. 1, the purchase had no effect on the markets. The markets anticipate that the Soviets will take at least 13 million tons during until it appears the Soviets will take at least 13 million tons during the year. Substantial market reaction will probably not take place until it appears the Soviets may buy much more than 13 million tons.

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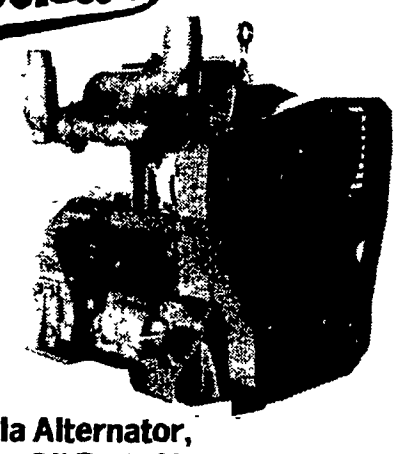

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Egg Clearinghouse president addresses PEMA

LANCASTER — Frank Koebrich, president of the Egg Clearinghouse, was the featured speaker at last month's Pennsylvania Egg Marketing Association meeting.

Koebrich stressed the fact that with the drop in consumption, the egg supply at the marketplace today is controllable. However he noted the one thing the egg industry can't control is the supermarket's purchases and sales.

"Eggs in the supermarket should be able to go up in price when the total egg supply is down, and go down in price when the egg supply is at its peak," he said. "In this manner, we would take care of our longs and shorts and would have a more even pricing structure, thus a greater return for the egg industry."

Koebrich pointed out that other commodities, like sugar, coffee, and peanut butter, fluctuate in this manner. He emphasized the need to involve the entire industry in merchandising eggs with good salesmanship, promotions, displays, and a confidence for greater returns.

"There is a great need within the poultry industry for unity," he stated. "We are entering our fourth year of bleeding of profits, whereas the normal trend has been two good years followed by one poor year within the egg industry."

Koebrich urged the PEMA members to pursue their own marketing concept "rather than be forced into some type of merchandising because of larger mergers." He noted that ECI is the vehicle the egg industry can use to revamp its merchandising concepts.

"ECI should be a method of free enterprise, a method of trading rules that would govern and benefit the poultry industry," Koebrich said. He pointed out the ECI trading rules have been recently revised for the first time in 10 years.

"One of the key indicators of the professionalism and the marketing approach of ECI is that they pay within 14 days, and in the history of the company have never missed a payment for eggs," he commented.

Koebrich noted ECI has: established a daily cash trading market; provided a gradable nestrun program according to weights and grade standards; provided an input to Urner Barry and USDA. However, Koebrich conceded ECI is not as strong as it could be needing members and regular trading in order to establish a market floor.

The next PEMA meeting will be held Friday, Nov. 12 at 6:30 p.m. at the Sheraton Conestoga Motor Inn, Oregon Pike, Lancaster. Speaker for the evening will be Mike Arcidy, the Massachusetts Farm Bureau spent fowl program manager.

Berks hosts manure management tour Tuesday

LEESPORT — The Berks County Soil Conservation Service and the county's Extension Service are sponsoring a waste management tour to be held next Tuesday from 9:30 a.m.-3:30 p.m.

This year's tour will feature on-site observation and appraisal of various manure handling systems with major emphasis on equipment to handle manure.

Farms to be visited include:

9:30 a.m.

Eugene Moser Farm, R1 Oley - follow Rt. 662 from Oley to Douglassville. From Oley, go two miles to Oley Turnpike Road. Turn right; farm is first farm on right.

10:45 a.m.

Elmer Eyrich, R1 Oley - 1/10 mile west of intersection of Rt. 662 and Oley Turnpike Road. Neighbor of Oley Turnpike Dairy (Eugene Moser).

12:30 p.m.

Richard Schlegel, R3 Boyertown - From Oley Turnpike Dairy, turn left onto Oley Turnpike Road. Go through Rt. 662 intersection. Farm is third place on left.

1:15 p.m.

Red Wing Poultry Farm, R.D. 1378 Fleetwood - North of Pricetown Rd. from Rt. 73 at Breezey Corners (3 miles east of Blandon). From Pricetown, go 1 mile to Furnace Rd. Turn right, go 2/10 mile, turn right on Spook Rd, first farm on right.

2:15 p.m.

Vista Grande Farms, R.D. 4133 Fleetwood - Follow 662 into Fleetwood. Take Fleetwood-Topton Rd. past Weaver's Hardware (about 2 miles). Turn right at first road past Weaver's. Go one mile; farm on right.

Farms will be open during the day for visitation from 9:30 a.m. until 3:30 p.m. A representative of the Soil Conservation Service or the Extension office will be at every farm all day to present handouts and answer questions. In addition, Dan Myer, Penn State Extension engineer and Barry Kintzer, SCS area engineer will be at the farms to discuss engineering considerations, costs, fertilizer values, and potential pollution problems.

For more information, contact Clyde Myers at 215/378-1327.

Wayne Co. slates meeting

HONESDALE — A farm pond management meeting co-sponsored by the Wayne County Extension Office and Wayne County Conservation District will be held 7:30 p.m. on Thursday, November 11 in the large group room of the Honesdale High School, on Terrace Street, Honesdale.

The featured speaker will be Terry Rader, Penn State Extension wildlife specialist. Major topics will include fish pond management, farm pond culture, and control of acquatic weeds. The meeting will also serve as part of a state-wide survey on farm pond management and acreage.

Pond owners may bring unknown weed specimens from the pond for identification and recommendations on control. Persons interested in pursuing the aspects of pond management - whether for weed control, fish management, or contemplating future pond construction are encouraged to attend.

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Del. becomes 12th brucellosis-free state

WASHINGTON, D.C. — Delaware is the 12th state to become free of brucellosis under a new system, in effect since May, that classifies states by level of infected cattle herds, a U.S. Department of Agriculture veterinarian said last week.

Billy G. Johnson, acting director of the national burcellosis program for USDA's Animal and Plant Health Inspection Service, said the "free" rating means Delaware has had no known brucellosis infection for 12 months or longer.

Other "free" states are: Alaska, Connecticut, Hawaii, Maine, Maryland, Michigan, New Hampshire, New York, North Dakota, Rhode Island and Utah. The U.S. Virgin Islands are also rated "free."

"Porperly identified breeding cattle from these states do not have to be blood tested for shipment within or out of state," said Johnson. "For out-of-state shipments, however, a voluntary test 45 to 120 days after arrival is recommended because of possible exposure en route.

"Shipping breeding cattle within or from states that have not reached 'free' status calls for additional testing requirements," Johnson said. "In all classes of states, some cattle from non-quarantined herds are always free to move without prior tests," said Johnson. These include cattle from certified-free herds, all cattle under 18 months of age, vaccinated beef cattle under 24 months of age and vaccinated dairy cattle under 20 months of age — if not pregnant or already calved — and cattle shipped directly to slaughter.

Also, steers and spayed heifers may move without tests — even from quarantined herds — because they are rarely affected by brucellosis and cannot spread it.

Brucellosis, or Bang's disease, is a bacterial disease of cattle and other animals which can be transmitted to humans. The disease attacks the reproductive system of animals, causing abortions and breeding problems that result in reduced calf crops and lower milk yields. Infected animals must be slaughtered because there is no treatment.

Human brucellosis, sometimes called undulant fever, is treatable. Though mainly an occupational risk for livestock handlers and slaughter plant workers who contact infected animals or their freshly killed carcasses, the disease can also be contracted by drinking unpasteurized milk.

Angus breeders to study advertising at Louisville

ST. JOSEPH, Mo. — Angus breeders will have an opportunity to learn more about effective livestock advertising, and how to create advertising progams that generate more sales, at a special meeting Nov. 14 in Louisville, Kentucky, reports Richard Spader, executive vice president of the American Angus Association.

Sponsored by the Association, the program is titled, "Advertising — how to get more bang for your bucks." The two main presentations at the meeting will be made by Ted Price, an advertising executive from Omaha, Nebraska, and Charles Wellborne of the college of Journalism, University of Florida, Gainesville.

Price will discuss basic advertising principles such as the importance of "top of the mind awareness", how people respond to advertising, and when they make buying decisions in relation to the ads they read, see and hear. Price is an accomplished and entertaining speaker and owner of his own advertising business, Words and Music.

Wellborne, who for several years was in charge of the advertising contest sponsored by the Livestock Publications Council, will take a critical look at livestock advertising. He will explain and show the differences between a good ad and a poor one. He will discuss and illustrate the ingredients needed to produce good advertising, and how advertisers should work with consultants and media advertising people to get the most effective advertisements possible.

The program will conclude with a question and answer session and an open discussion of livestock advertising. It will begin at 2 p.m. Sunday, Nov. 14 in the East Hall of the Kentucky Fair and Exposition Center.

DVC hosts Bucks Co. honey show

DOYLESTOWN — The 1982 Bucks County Honey Show will be held on Thursday, Nov. 11, 1982 at 8 p.m. in Mandell Hall Auditorium on the campus of Delaware Valley College. The College is located on Route 202, one mile west of Doylestown.

The show this year is being sponsored by the Apiary Society of Delaware Valley College. Members of this college group will be assisting Robert Berthold, assistant chairman of Biology, in judging the show entries.

Ribbons will be awarded in three liquid honey categories — light, amber, and dark. Three one-pound jars of honey are required for any class entry. Ribbons also will be awarded for comb honey entries — three combs, and beeswax — minimum one pound.

The show is open to all beekeepers in Bucks County.

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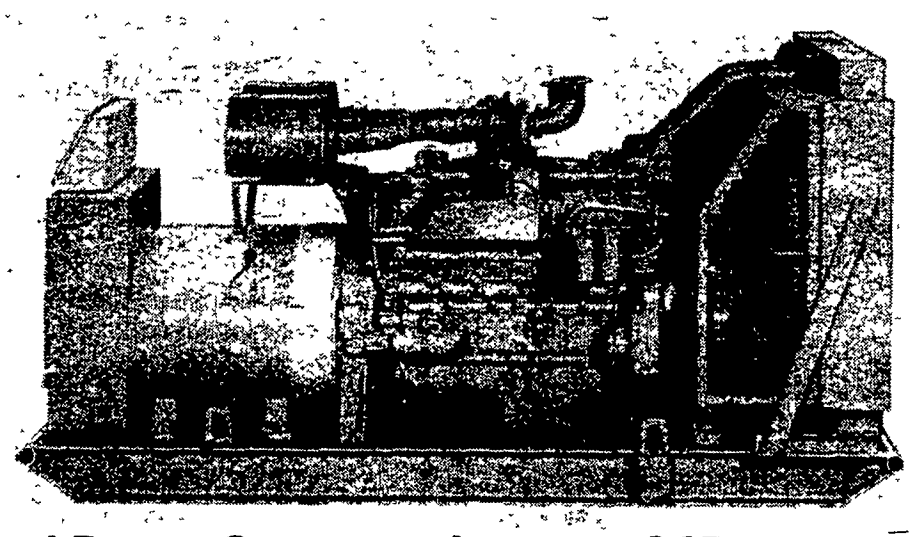

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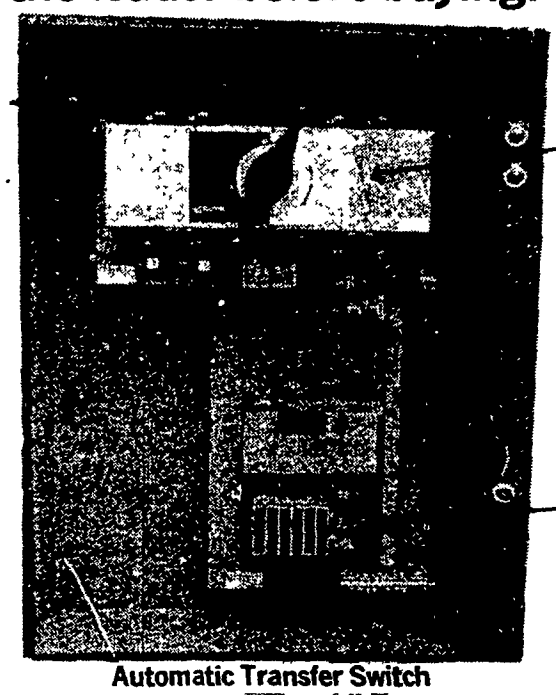

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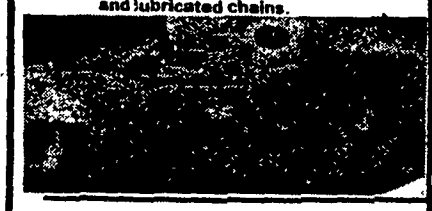

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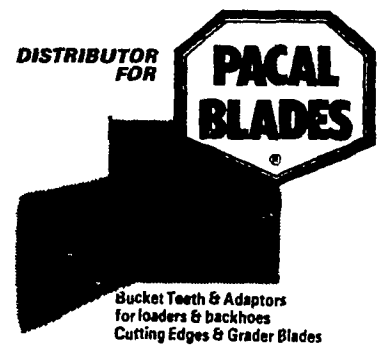

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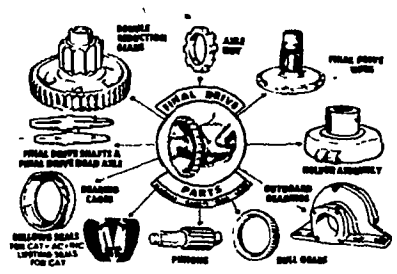

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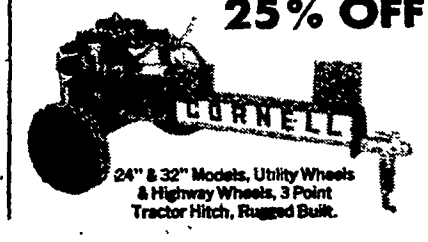

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USDA training agents to give farmers better crop insurance service

WASHINGTON, D.C. — To upgrade its crop insurance service, the U.S. Department of Agriculture's Federal Crop Insurance Corporation is providing special training to private insurance agents.

Beginning with 1983 spring crops, the agency is requiring all federal crop insurance agents to be certified "in an effort to increase program credibility and improve the quality of service provided to farmers," said Merritt Sprague, manager of the USDA crop insurance agency.

More than 15,000 professional insurance agents now sell and service federal crop insurance throughout the country.

"We see the development of a well-trained agent sales force as a positive answer to critical areas of concern voiced by members of the agricultural coummunity," Sprague said. "The certification of agents serves to protect farmer interests in crop insurance as well as to increase their confidence in the agents and the program."

Sprague said he is pleased with the early response of insurance agents to the training. More than 700 private insurance agents already have participated in the program, which will continue through Dec. 18 at 157 locations around the country.

Each training course consists of a three-day intensive study program. Topics include general crop insurance principles, actuarial development, individual crop programs and proper completion and handling of crop insurance documents. Recent contract improvements and procedural changes made by the corporation also will be covered.

Agents must successfully complete examinations to receive certification, Sprague said.

Astronaut daughter shines in sale of stars

BUTLER — A 5-year-old Very Good Astronaut daughter collected top bid at the recent Western Pennsylvania Sale of Stars, which averaged $2,015 on 57 head.

Queens Manor Farm and Jack Rynd of Jamestown paid $6,000 for Celeste Millervale Karpa Astro, consigned by Avella breeder Eleanor Karpa.

Out of an Excellent Tidy Burke Transmitter, the top-selling black and white has records to 19,883 pounds of milk.

All Star Holsteins and Ed Doeberiener of Jamestown had a last bid of $5,000 on Rynd Home Elevation Mahogany, consigned by Rynd Home Farm of Cochranton. The Very Good 5-year-old, with records to 22,370 pounds of milk and 823 pounds of fat is out of a high-testing Winterthur Ivanhoe Kid Samson daughter.

An Arlinda Chief daughter out of a Very Good Astronaut brought $3,500 for consignor Gary Senita of Wattsburg. Pasen Chief June, a 4-year-old projected at more than 18,000 pounds of milk was purchased by Morlock Farms of West Salem, Ohio.

Limestone benefits crops

UNIVERSITY, PARK — According to Douglas Beegle, there are a number of reasons why liming acid soils benefits crops. Here are some of them:

• Strongly acid soils contain large amounts of soluble manganese and aluminum. When these elements are taken up by plants in large amounts, they are toxic to plant growth. Forage legumes, such as alfalfa and clover, are particularly sensitive to these two elements. On highly acid soils — corn will also be injured by manganese and aluminum. Liming these soils reduced the solubility of manganese and aluminum so that they will not be taken up in toxic amounts.

• Microorganisms will work for the benefit of plants on well-limed soils. Organic matter — plants residues, green manure, animal manures — all contain plant nutrients, particularly nitrogen and phosphorus. But to be available to plants, the organic matter must decay. The decay process is a breakdown by microorganisms. Well-limed soil increases the activity of the microorganisms, and more nitrogen and phosphorus become available.

• Legume crops have the ability to take nitrogen from the air. This nitrogen is used by the legume, by other crops growing with the legumes, and by preceding crops. Bacteria living in nodules on legume roots are responsible for this process. Well-limed soil favors the growth of these bacteria and nodules, and supplies free nitrogen to the crops.

• Phosphorus is a very important nutrient for plants. In very acid soils, it is present in a chemical form that is unavailable to plants. Liming the soil keeps phosphorus in a form that can be used by plants.

DER schedules Octorara Creek meeting

HARRISBURG — The Pennsylvania Department of Environmental Resources, in conjunction with the Lancaster County Planning Commission and Chester County Planning Commission, will hold two public meetings concerning a study of the Octoraro Creek as a potential component of the Pennsylvania Scenic Rivers System.

The meetings will be held Tuesday, Nov. 16, at Solanco High School, Route 222, south of Quarryville, and Wednesday, Nov. 17, at the Octorara Middle School, Route 41, south of Atglen. Both meetings will begin at 7:30 p.m.

The purpose of the meetings is to present the findings of the Octoraro Creek Study, which determined that the stream is eligible for designation as a Pennsylvania Scenic River. The Scenic Rivers Program, the process for including a stream in the Scenic Rivers Program, and the possible effects of designation upon the Octoraro Valley will be explained.

The public will be given the opportunity to comment upon the study and ask questions.

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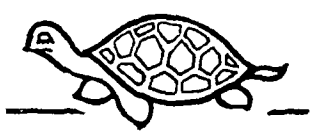

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FEEDERS
MONDAY, NOVEMBER 15, 1982
At 8:00 P.M.
Greencastle Livestock Market
Along 81 - at Pa. Exit 3
Owner Jay McCoy
Reg. Sale Every Mon. 6:30 P.M.

FRIDAY, NOVEMBER 26, 1982
7:00 P.M.
SPECIAL DAIRY CONSIGNMENT SALE
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Ford model 515, diesel utility tractor w/531 industrial loader w/bucket, 1972 Ford model 350 1 ton dual wheel dump truck, Model 1030 Tag-along Trailer 9 ton 21', MF 3 pt. hitch 6' grader box, 7 HP tiller, Gravely tractor, Generators, chain saw, circular saws, 8' York rake, many other items.
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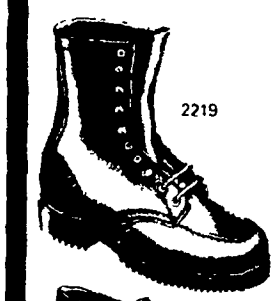

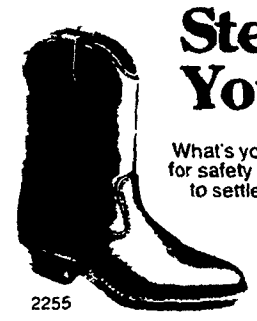

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A SALE OF EXCEPTIONAL QUALITY: Including 13 calves and open heifers, 42 heifers - many springing or fresh, and 9 milking cows. Daughters of 5 EXCELLENT and 31 VERY GOOD dams.
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Penn State announces manure analysis pilot program

UNIVERSITY PARK — "Under today's economic conditions with increasing fertilizer costs, farmers need to reconsider the value of manure," says Douglas Beegle, Penn State Extension agronomist. Manure can no longer be considered a waste just to be gotten rid of, but should be looked at as a valuable resource to be used wisely.

At today's prices a typical 12-ton-per-acre application of dairy manure can contain around $40 worth of available plant nutrients. Beegle says that farmers can't afford to overlook this amount of savings. A manure analysis used with vital soil test information should be an important aid to the farmer in developing a manure management program to take advantage of this valuable resource on his farm.

Arrangements have been made with A & L Agricultural Labs in Richmond, Virginia to cooperate in providing a pilot manure analysis program through the Pennsylvania Cooperative Extension Service. The program is being conducted through Agronomy Extension at Penn State.

"This is a pilot program being conducted to provide a needed service to Pennsylvania farmers and to provide information necessary in developing improved manure management practices for Pennsylvania," says Beegle.

Manure analysis can also play an important role in helping farmers avoid the serious problem of creating nutrient imbalances in their soils. This problem arises from the indiscrimination spreading of high rates of manure on farmland and is especially critical with poultry manure which has a high nutrient content. Monitoring soils through soil testing where manure is spread will also help the farmer avoid these nutrient imbalances.

The manure analysis program is available through Extension offices. The county agent will provide a mailing kit and information sheet for use in submitting samples for analysis. This kit also includes important sampling instructions. The cost for the analysis which includes nitrogen, phosphate, and potash is $22 per sample.

PUBLIC SALE
OF 166 ACRE DAIRY FARM
TUESDAY, NOVEMBER 16, 1982
At 11:00 A.M.

Located between Yellow House & Boyertown ½ mile off Rt. 562, along Fancy Mill Rd., Earl Township, Berks Co., Pa.

Real Estate will be offered as 2 separate parcels and as an entirety.

PARCEL #1: 2½ story brick & stone "L" shaped house. 1st flr.: Mod. Kit., Liv. Rm., Din. Rm., Storage Rm., Hallway. 2nd flr: 8 Rms., 2 Baths. Basement has dirt floor; No Central heat; New Shingle Room in 1973. 60'x90' quonset type dairy barn (built in 1959) w/comfort stalls, box stalls & loafing area; Farmway barn cleaner; Block milk house (tank & pipe line not incl.); Sev. frame equip. & storage sheds; Cement trench silo 20'x100'; Water supply - new well (1977), also gravity fed spring. 90 Acres of land, 65 tillable, 3 acres woodland, remainder in pasture & bldgs. area. Terrain level to gentle slope.

PARCEL #2: 76 Acres of open land — 66 ex. tillable acres, 10 acres of pasture. Frame equip. & storage shed in poor condition.

Parcels #1 & 2 combined have a total of approx. 1½ miles of road frontage.

TERMS: 10% down day of sale, settlement by Jan. 15, 1983. For inspection by appointment or information about owner financing call HORNING FARM AGENCY, INC. @ 215-286-5183.

TERMS BY: **JANE R. ARNOLD**
William L. Cremers, Jr., Esq.
Elton & Alvin Horning, Auctioneer
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BAR-REL HOLSTEIN DISPERSAL
WEDNESDAY, NOVEMBER 10, 1982
At 12:30 P.M.

New Castle, Pa. 2½ miles northeast of New Castle, just west of Rt. 168 at 121 Lakewood Road.

SELLING 75 head dairy cattle (71 Registered and Grade Holsteins and 4 Registered Jerseys). 8 cows sell recently fresh and 20 head bred for fall freshening. 26 head of first or second calf heifers sell, 3 "EX", 14 "VG", 3 "GP".

Featuring a "VG-88" Bar-Rel Apollo Elvis Presley bred to Bell and due at sale time, plus her daughter by Minor-Acres Patrick Red. An "EX" Ivanhoe Star with over 100,000 and her Elevation bred heifer and fancy December Tony. An "EX-2E" Elevation with 22,870 3.6 829 "EX-Mammary" with her '81 Astronaut heifer and '82 bull by Cinnamon. A really fancy Astronaut milking as a first calf heifer, dam "GP-83" with 2 records over 19,000, second dam with 106,000.

Other top sires represented: Conductor, Pawnee Farm Arlinda Chief, Elevation, Marshfield Elevation Tony, Marvex, Gay Ideal, Medalist, Astronaut, Citamatt, Ultimate, Wayne, Flame, Mohawk, and Style Master.

Service Sires: Carlin M Ivanhoe Bell, Molly Chief, Triple Threat, Tony, Tullando Elevation Sky High, Welleeda Citation R, Jet Stream, Creek Bluff Elevation Lester.

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Phone: 717-394-3047 or 717-626-1164

PUBLIC AUCTION
SATURDAY, NOVEMBER 13, 1982
10:00 A.M.
REAL ESTATE & HOUSEHOLD GOODS

R.D. #3 Elizabethtown (Mt. Joy Township) From S. Market St. at Elizabethtown Borough line .9 mi. on Groff Ave. to auction. Box 1A

REAL ESTATE AT 1:00 P.M.
TO BE SOLD ABSOLUTE WITHOUT RESERVE

A fine modern rancher masonry & aluminum siding. Living room with fireplace, dining room both with W to W carpet, kitchen with built-in oven & countertop stove, large rear porch, bath, 3 bedrooms, large closets, hardwood floors, basement with outside access, oil baseboard hot water heat with winter summer hot water hookup, new furnace, storm windows, attached oversize 1-car garage, lot size 100x200', mature shade & shrubbery, nice neighborhood, public sewer & water.

Persons wishing to inspect property may do so Sunday, Oct. 31st, 1 to 4 P.M. or Sat. & Sun. Nov. 6th & 7th 1 to 4 P.M. or by calling 717-233-7420 for an appointment.

Terms: $5000 in cash, certified or cashier's check made payable to John T. Ensminger, Auctioneer. These funds must be available and deposited with the clerk before the auction in order to be eligible to bid on the real estate. No exceptions.

HOUSEHOLD GOODS AT 10:00 A.M.

Complete line of modern furnishings in good condition including 3-pc. L.R. suite, pillowback lounge chair, nice tables & lamps, spinet desk, fireplace set, 9-pc fruitwood Provincial dining room suite, 5-pc breakfast set, Kelvinator refrigerator, 2 Amana air conditioners, Hoover sweeper, 4-pc walnut B.R. suite, 5-pc. B.R. suite with triple dresser, lawn & porch furniture, 4-pc cast iron lawn set, lawn sweeper, power & hand tools, garden tools, Lady Kenmore dryer, Maytag wringer washer, hand antique dropleaf table, old wood chest, dry sink, Linens, pots, pans, dishes & many more items too numerous to mention. Terms cash.

ESTATE OF ESTHER M. GIBERSON, deceased
Albert D. Stuart, Attorney
John T. Ensminger, Auctioneer
717-233-7420

PUBLIC SALE
OF 8 PARCELS WOODLAND
SATURDAY, NOVEMBER 20
@ 11:00 A.M.

Located in Honey Brook Twp. and partly in West Caln Twp., Chester Co., Pa. Take Rt. 10 South from Honey Brook approx. 3 miles to Hill Rd. Turn left approx. 1 mile to property.

PARCEL #1 - Consists of 8.797 Acres
PARCEL #2 - Consists of 8.534 Acres
PARCEL #3 - Consists of 11.39 Acres
PARCEL #4 - Consists of 11.509 Acres
PARCEL #5 - Consists of 13.652 Acres
PARCEL #6 - Consists of 9.862 Acres
PARCEL #7 - Consists of 16.964 Acres
PARCEL #8 - Consists of 9.450 Acres

COMMENTS: Parcel #1 and Parcel #2 front on Hill Rd. All other parcels front on Hill Rd. with a 50' wide access, each parcel having its own 50' wide access. Hill Rd. is a very nice quiet, mostly level, rural blacktop road. The area is mostly level leading off of Hill Road into the wooded parcels. Several parcels are mostly level to very gentle slope; the remaining are mostly gentle slope, nice attractive woodland.

TERMS OF FINANCING: 15% down day of sale. Seller will take back a first mortgage in the amount of 60% of selling price with interest at the rate of 11% payable monthly, principal payable yearly over a 3 yr. period.
For more information, copy of plot plan, or for inspection by appointment call HORNING FARM AGENCY, INC. @ 215-286-5183 or 215-273-3037.

Terms By:
C.S. STAATS, JR. & FAMILY
215-644-2777
John E. Good, Atty.

Elton & Alvin Horning, Auctioneers
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

Come And Spend The Day With Us At Our
FIFTH ANNUAL YEAR END
PUBLIC AUCTION

SATURDAY, DECEMBER 4, 1982
9:00 AM

- HARDWARE
- POWER TOOLS
- WELDERS
- CHAIN SAWS
- LAWN MOWERS
- GARDEN TRACTORS
- SNOWBLOWERS
- FARM EQUIPMENT
- AIR COMPRESSORS

AT

FARMERSVILLE EQUIPMENT INC.

RD 4, East Farmersville Road, Ephrata
PA 17522
Located in the Village of Farmersville, Lancaster County
717-354-4271

Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511 — 717-733-3305 Ephrata, Pa.
* Terms: Cash, Visa, Master Charge or Good Check

Sportsmen honor Fasnacht

HARRISBURG — Sportsmen and Game Commission officials have dedicated a plaque and photo of the later Robert E. Fasnacht at the Middle Creek Wildlife Management Area Visitors Center.

Fasnacht, one of the state's most outstanding conservationists and a member of the Game Commission from 1965 until 1982, was one of the driving forces in the establishment of the Middle Creek area.

The bronze plaque, dedicated by the Game Commission Oct. 21, is "in tribute to a devoted conservationist for his leadership and dedication to the perpetuation and enjoyment of our wildlife resources."

The photo was presented in memory of Commissioner Fasnacht by the Federated Sportsmen of Lancaster County and the Southern Division, Pennsylvania Federation of Sportsmen's Clubs.

Fasnacht served as Game Commission president from 1969 to 1971 and again from 1980 until 1982. He had also been vice president of the commission from 1978 to 1980.

Ca. farmers get $43 million in crop insurance

WASHINGTON, D.C. — California farmers are expected to collect $43 million in crop insurance from the U.S. Department of Agriculture's Federal Crop Insurance Corporation for losses resulting from unseasonable rains.

"The corporation expects to pay out nearly $30 million in indemnities on raisins along," said Merritt Sprague, manager of the USDA crop insurance agency. "We also estimate that indemnities on wine grapes will reach $7 million and nearly $6 million on tomatoes."

Sprague said these estimates include only California growers of raisins, tomatoes and wine grapes who were insured by his agency. He said the USDA corporation insures slightly more than 56 percent of the raisins produced in California and anticipates losses on nearly 80 percent of the 140,000 tons it insures.

SADDLE UP!

To Better Equipment... Find It In Lancaster Farming's CLASSIFIEDS!

PUBLIC SALE

OF 8 ACRE TRACT OF LAND

FRIDAY, NOVEMBER 26, 1982

@ 4:00 P.M.

Near Myerstown. From Mt. Aetna take Mt. Aetna Rd. east 1 mile to Ketterman Road, turn left to property. Tulpehocken Twp., Berks Co., Pa.

Real estate consists of 8 acres of open land with very nice view. Surrounded by farms on 3 sides and woodland on the other. Terrain level to very gentle slope. Approx. 725' road frontage. Zoning - Agriculture; 1 acre min. lot size. A very nice lot to build one house or several.

Terms: 10% down day of sale, settlement by Dec. 31, 1982. For inspection by appointment call HORNING FARM AGENCY, INC. @ 215-286-5183

Terms by:
GLENN E. & LORETTA KILMER
Henry Steiner, Esq.
Elton & Alvin Horning, Auctioneers

PUBLIC AUCTION

Valuable Real Estate - 2-10 acre lots & 3½ acre lots.

SATURDAY, NOVEMBER 20, 1982

1:00 P.M.

Located in Rapho Twp. Lanc. Co., Pa. take Rt. 72 North of Manheim app. 5 miles. Take Cider Press Road, 2 miles west to site.

Real Estate consists of 2-10 acre tracts of unimproved land in Rapho Twp. Lancaster County two real nice tracts, ready and waiting for you to erect the buildings of your choice. Would really make one or two nice farmettes. Also we will offer three-one half acre lots at 2:00 P.M. along same road. To inspect lots please dial 665-2914 or 665-5427 ask for Mr. Hess.

Sale by
DELTA CORPORATION
E.M. Murry Associates
Auctioneers

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers, Appraisers, and Advisors
Since 1953

PUBLIC 2 Day AUCTION 2 Day

223 DECOYS & 1,000 NAUTICAL GIFT SHOP ITEMS

Items from a Gift & Decoy Shop in Easton, Md. will be sold at Bel Air Auction Galleries, Inc., 13 Ellendale St., Bel Air, Md., Harf. Co. (1 Block from U.S. Business Rt. 1 & MD. Rt. 24, Rock Spring Rd.) ON:

SATURDAY, NOVEMBER 6TH

At 6:30 P.M.

1,000 BRASS, BISQUE, WOOD & CHINA ITEMS - CHURCH BENCHES

(Inspection 12:00 Noon Day of Sale)

SUNDAY, NOVEMBER 7TH

At 2:00 P.M.

DECOYS & ANTIQUE NAUTICAL ITEMS - Rare & Early Chesapeake Bay Gunning Decoys; 203 Decoy Ducks - Canvasback, Blue Bills, Red Heads, Coot, Teal & 20 Goose Decoys. Such Maryland makers as Ward Bas, Madison Mitchell, Paul Gibson, John Glenn, Jess Urie, Harry Jobes, Sam Barnes, Bob McGaw, Elliott Bras, Virginia makers: Jester & Hudson; 30 prints of water fowl & landscaping scenes.

Full size 50 in. ship's wheel w/brass housing & compass, lrg. 70 in. ship's wheel, 3 all brass ship telegraphs - one w/Bendix; 10 brass port.

NEXT SPECIAL ANTIQUE SALE SATURDAY, NOV. 13, 6:30 P.M.

William H. Amoss
Glenn Freeman
Auctioneers

For More Information Call 838-3000 or 879-7272
Bel Air Auction Galleries, Inc.
13 Ellendale St., Bel Air, MD. 21014
Sale Every Friday Night at 6:30 P.M.

SPECIAL ALL DAY PUBLIC SALE FRIDAY, NOV. 12, 1982

9:00 A.M.

NEW HOLLAND SALES STABLES, INC.
12 miles east of Lancaster, Pa. at New Holland, Pa.

FARM EQUIPMENT

Farm and home related items.

Tractors	Balers	Wagons
Harvesters	Grinder-Mixers	Hay Racks
Plows	Discs	Manure Spreaders
Drills	Planters	Calf Hutches
Mowers	Harrows	

TRACTORS- JD 50 Tractor w/2R Mounted Corn Picker; JD 3020 Gas, Power Shift; JD 630 steel wheels; IHC 574 Gas 500 hrs.; Ford 8N on steel wheels; Ford 8N, Farmall M, gas; Farmall 300 Gas; JD 620 new paint, reconditioned; 1270 Case Diesel; JD 2630 Diesel; Oliver 550 Utility w/loader; IHC W9 w/pulley.

NH 271 Baler PTO; (2) MF #12 Balers; JD 14T Baler; JD 24T Engine Baler; NH 270 Baler PTO; JD 214 Baler w/Thrower.

JD #12 Combine; MF 510 Diesel Combine w/14' head; MF 510 Diesel Combine w/cab & grain head; J.I. Case 1665 Gas Combine with 4 Row Wide corn head and 13' grain platform.

NH #212 Spreader; JD Flail Tank Spreader; NH 510 3 btr. Spreader; NH 675 Spreader; NH 518 Spreader w/tailgate; Knight Manure Spreader w/steel wheels; New Semi-liquid Stoltzfus spreader; NI #10 horse drawn manure spreader.

(2) New NI 404 Wheel Rakes; NI #7 Corn Picker; IHC Rake; AC Roller Bar Rake; NH 56 Rake; JD #15 Flail Chopper; Brady Flail Chopper; NH 469 Mower Conditioner; NH 479 Mower Conditioner; NH 404 Hay Conditioner; JD Bale Conveyor; Badger Forage Wagon; JD 36' Elevator; 12' Spring Tooth Harrow; NH 357 Grinder-Mixer; JD 400 Grinder Mixer; NH 354 Grinder Mixer; Wisconsin motor mounted w/tail gate; Oliver Transport Disc; JD Transport Disc; JD 1250 6 Row Corn Planter; JD 3B Plow; IH Grain Drill.

Carriages; spring wagons; market wagons; buggies; sleds; sleighs.
Anyone may consign salable items to this all day event.
We will receive large equipment from Nov. 9th until day of sale.
Small items will be received Thurs., Nov. 11th and Fri., Nov. 12th.
Auction will begin from trucks and wagons loaded with small items at 9:00 a.m.
Farm equipment at 11:00 a.m.
Register early sale day in main office for your buyers numbers.
Equipment sale dates: Fri., Feb. 4th '83; Fri., Mar. 4th '83; Fri., April 8th '83.
All new buyers and out of state buyers must have current letter of credit from bank.
Call 717-354-4341 to list items you wish advertised or more information.
Bring a load- Buy a load.

NOTICE

First time at New Holland.
Southeast District 4-H Beef Show and Sale.
Friday, November 12th- Arrival of 4-H Cattle grooming and Harrisburg Selections.
Sat., Nov. 13th - Judging in A.M. 1:30 P.M. Sale of 4-H cattle.
Businessmen and individuals please make an effort to support this year-long 4-H project.
Buy one for your freezer or have it resold same day.

PUBLIC SALE

OF BLACKSMITH TOOLS, GAS ENGINES & ANTIQUES

SATURDAY, NOV. 13

At 9:00 A.M.

Located along Rt. 23 at the east end of Churchtown, Caernarvon Twp., Lanc. Co., PA.

ANNALS OF CONESTOGA, 1 NEW HOLLAND 2 HP GAS ENGINE, 1 ECONOMY & 1 LEADER GAS ENGINE, ENGINE OILERS, TO BE SOLD AT 1:00 P.M

Broad Axes; Wood Splitting & Other Axes; Old Wood & Steel Planes; All Kinds of Old Carpenter Tools: Augers w/Wooden Handles; All Kinds of Sledge Hammers; Other Hammers; Saws; Small Iron Troughs; Iron 8 Horse Hitch; Saddlers Bench; Iron Horses; 3 Saddles; Buggy Harness; Cart Harness; Pea Scales; Buggy Lights; Straw Bench; Old Farm Bell; Iron Kettles; Old Hinges; Electric Drills; All Kinds Wooden Handles; Ice Cutter for Horse; 1 Hole Corn Sheller; Straw Carpet; Iron & Brass Ladles; Mush Paddles & Forks; Rolling Pin & Potato Mashers; Large Wooden Mantle; Cast Iron Fire Box for Fireplace; Large Wooden Mantle Shelf; Windsor Chairs; Platform Rocker; Fireplace Hooks; Cast Iron Kettles; Soldering Irons; Tinners Firepot; Crocks & Jugs; Rosewood Panel Gauge; Tin Wall Lantern; Old Books - German & English; Painted Glass Lamp; Bakeboard; Toy Milk Wagon & Horses; Brass Trammels; Copper Bull Nose Rings; Old Keys; Tin Wash Boiler w/Cast Iron Lids; P.R. Sheffield Candle Sticks; Meat Slicer; Utensils; Some Glassware; Other Items not mentioned.

BLACKSMITH TOOLS

6 Anvils from 50 lbs. to 300 lbs.; Lot of Prongs; Hammers; Some Horseshoeing Tools; "H" Vises; 1 Tire Bender; Trailer Wheel; Spokers & Cones Cutter; Tinsmith Tools; Standing Seam Prounge; Some Crimpers on Stands; All Kinds of Jacks; Shoe Lathes; Wooden Pulley; Butchering Tools; Grinders; Lard Press; Scrapers; Cleaners; Old Wheat Cradle; Lot of Forks; Shovels; Digging Irons; Log Chains; 3 & 4 Horse Hitch; Single Tree; R.R. Car Mover; Lot of Bolts; New Socket Sets; Blow Torches; Wagon Wheels; 2 Seated Family Carriage; Spring Wagon; Top Buggy; Pony Carts; Shafts; Poles; Other Wagons & Sleighs.

LUNCH AND CRAFTS AVAILABLE IN BASEMENT

Terms By:
NOAH N. MARTIN
Elton & Alvin Horning, Auctioneers
Horning Farm Agency, Inc.
Main St., Morgantown, Pa. 19543
215-286-5183

USDA calls for action to prevent foreign animal diseases

WASHINGTON, D.C. — The U.S. Department of Agriculture's foreign animal disease advisory committee has strongly recommended that USDA take all possible precautions to prevent the introduction of causitive agents of exotic animal diseases through imported meats and other products.

According to a committee resolution, no product should be imported unless there is scientific proof that disease organisms found in the country of the origin are no longer active in imported products. This would result in a reduced threat to U.S. livestock.

At its October meeting, the committee also recommended that USDA include funds and plans for repopulation when it considers assisting foreign nations in eliminating devastating animal diseases.

The committee also called upon USDA's Animal and Plant Health Inspection Service to continue efforts to eradicate ticks from Puerto Rico and to assist other Caribbean countries and islands in controlling ticks. Ticks can spread heartwater, an African disease of cattle that was recently found on the French island of Guadaloupe in the Lesser Antilles.

USDA was also asked to strengthen reporting of vesicular diseases such as vesicular stomatitis, which could mask an outbreak of foot-and-mouth disease. Approximately 500 cases of vesicular stomatitis were confirmed this past summer in livestock, horses and humans in nine midwestern and western states, the most cases found in one year in recent history. Although not a dangerous disease in itself, vesicular stomatitis cannot be differentiated from foot-and-mouth disease except by laboratory tests.

GAP AUCTION

FRIDAY EVE., NOV. 12
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254

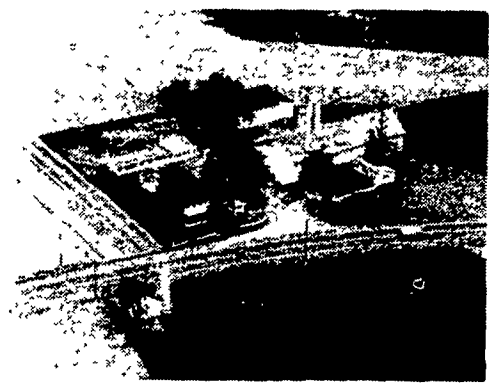
CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC AUCTION

49 ACRE LIMESTONE AND GRAVEL SOIL STEER AND TOBACCO FARM
SATURDAY, NOVEMBER 27
2:00 P.M.

Location: Take Route 272 or 222 North from Lancaster or South from Ephrata to Brownstown. At Brownstown take Route 772 West to Rothsville. In Rothsville turn right onto Rothsville Road to 1st farm on left. Warwick Twp. Lancaster County, Pa.

49 ACRE FARM



2½ STORY FRAME DWELLING
Containing Large Eat-in Kitchen, Living Room, Family Room, 5 Bedrooms, Full Bath, Central Hot Air Heat, Gas Water Heater.

36x104 BANK BARN AND TOBACCO SHED COMBINATION
with dampening cellar and stripping room. Steer stable, 5 horse boxstalls.

20x50 CORN BARN
Attached to barn.

22x42 2 STORY STEER BARN
2 CAR GARAGE
with attached 20x70 Storage Shed.

28x56 EQUIPMENT & TOBACCO SHED
And Other Buildings:

- well with windmill cistern gravity system
- hanging space for approx. 8000 lath of tobacco
- 2-8x35 Stave Silos
- 1-10x45 Stave Silo
- approx. 6000 feet of road frontage
- operating farm produce roadside stand.

INSPECTION: at open house Saturday, Nov. 13 and Saturday, Nov. 20, 1982 from 12:00 noon to 3:00 p.m. or by appointment call auctioneers 717-733-3305. All here in information is believed to be accurate, but is being used for advertising purposes only.

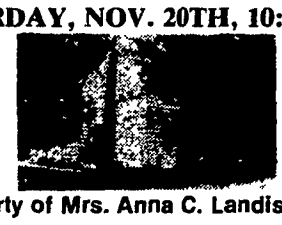
Auction by
AARON M. & MARY Z. REIFF
1935 Rothsville Road
Lititz, Pa. 17543
Shreiner and Patterson, Attorneys
J. Marlin Shreiner, Attorney
Auction Conducted by
John E. and Paul E. Martin Auctioneers
717-733-3511 or 717-733-3305
Ephrata, Pa.

Note: Make plans now to inspect this farm. This desirable farm could be considered for a variety of uses.

AUCTION

Land And Personal Property

SATURDAY, NOV. 20TH, 10:00 A.M.



Property of Mrs. Anna C. Landis (Foltz)

34 Acre Farm Offered as 5 Parcels, Combinations and Entirety
Real Estate (1:00 p.m.)

PARCEL #1 - 4.5 acres with house and barn
PARCEL #2 - 1 acre with 12 x 60 mobile home
PARCEL #3 - 6.5 acres
PARCEL #4 - 11 acres
PARCEL #5 - 11 acres

11% Owner Financing

Personal Property
antiques, appliances, furniture, garden equipment and guns. (Full listing later.)

Location: approximately 5 miles west of Carlisle, turn north off of Rte. #641, at West Hill, onto McCallister Road, go approximately ½ mile to property.

FOR DETAILED BROCHURE OR APPOINTMENT TO INSPECT REAL ESTATE, CALL -
JOHN B. NIESLEY
BROKER-AUCTIONEER
32 W High Street, Carlisle, PA 17013
(717) 249-8787

AUCTION

FARM MACHINERY, TRUCK AND 2 MILK COWS
SATURDAY, NOVEMBER 13, 1982
At 10:00 A.M.

Having sold my farm, I am selling my machinery at Ardarra Farm, Middleburg, VA. From Rt. 50, west of Middleburg, take Rt. 709 south approx. 1½ miles. Watch for auction signs.

FARM MACHINERY

705 D NI Uni power unit; 717 Uni combine; 730 4 row Uni corn head; 729 A Uni sheller; IHC F-1066D w/cab SN 43461; Tandem axle sprayer w/Dickey John control; IH 400 cycle planter w/liquid fertilizer and Dickey John controls, 4 or 6 row; IH 18x7 510 grain drill; 2 10' Miller harrows; Brillion pulver mulcher; 1,100 gallon Poly tank w/pump; 1500 gallon Poly tank w/pump; 1968 Chevrolet V8 truck 638 xa; JD grain binder; NI grain platform; NH 66 baler; JD Hay conditioner; NH 352 grinder mixer; 2 Fichlin grain bodies on IH chassis; Killbros gravity box on IH chassis; Glencoe sub tiller plow; cultipacker 3 reel gang mower; 100 gallon fuel tank w/pump and pickup; metal mortar box; all equipment has been kept under roof and well cared for.

Machinery auction will start at 10 A.M. as there are no small items to be sold.

Terms - Cash, Cashier's check, Certified check, out of town company and personal checks must have a bank letter of credit to cover purchase.

Nothing to be removed until settled for. Not responsible for accidents on premises. Reg. w/positive I.D.

Lunch will be served

GEORGE E. TENER, Owner
Scott's Auction
Marshall, VA 22115
703-364-1413 Ardarra phone

PUBLIC SALE

OLD HARRISBURG AUTO PARTS BUILDING
1027 Market Street. Harrisburg, Penna
SATURDAY, NOV. 13
At 9:30 A.M.

Antique Champion Spark Plug clock "in running order", Ford Tribloc Ball Bearing 2 ton chain hoist and beam, 2 wheel bearing spinners "Model 384", 2 crank shaft grinders, 4 wheel carts, platform scales, 90 metal shelving 6 ft. and 7 ft. high, bulk storage racks, two 2 ton double door safe's & two 1200 lb. single door safe's – all four in good condition. Bell and Howell micofiche reader, adding machine, 6 metal four drawer filing cabinets, 9 small metal drawers, Vertifax copier machine and all the parts, 2 Ford Model A engine blocks, 2 metal desks, typewriters, old movie projectors, Pitney Bowes postage machine, postage scales, Addressagraph plate machine and plates, inventory control desk, paint mixing scales, volume metal paint, 2 air compressor heads, fire extinguishers, 2 fire doors, 6 office chairs, work bench, short ladders, step ladders, few tools, other miscl. etc.

"Can be seen sale time only."

Collect as we sell. Cash or travelers checks only. "No personal checks."

Auctioneers: Col. L.M.F. Hocker & Don Harnesberger

Complete Sale Service 564-0510.
"Food Stand Reserved"
Rain or Shine
Clip and Save

PIG SALE

"STATE GRADED" At
CARLISLE
GRADING
8:00 AM - 12 NOON
FRIDAY, NOV. 12 1:30 P.M.
CARLISLE
LIVESTOCK MARKET
I-81 Exit 12
(717) 249-4511
or Jim (717) 249-2359

WILLIAM C. CHRISTMAN ESTATE

AUCTION

147 ACRE FARM
FARM EQUIPMENT, MILK TANK, HAY, STRAW, TRUCK, CAR, HOUSEHOLD GOODS, ANTIQUES
SATURDAY, NOV. 20
At 10 A.M.

(4 miles N. W. of Kutztown), 1 mile S. of Kutztown turn off 222 toward Virginsville, (follow Crystal Cave signs), 1 block past the Cave turn R. onto Saucony Rd. for approx. 1 mile to steel bridge, turn to farm, Greenwich Twp., Berks Co. Pa.

REAL ESTATE: 147 acres level & rolling land, approx. 100 acres tillable, bal. pasture & woodland, 3 streams including large Saucony Creek.

BLDGS: A large 6 room & bath stone stucco dwelling w/heat. A bank barn approx. 40'x117' w/a 17'x30' shed attached; 25 cow stalls, barn cleaner, milk house attached, 32'x36' clear span equip. shed (new), 3 car garage, wash house.

For inspection of R.E. call for appt. (215) 683-8461 or 682-4518 or 683-3941. R.E. offered at 1 p.m.

TERMS - 10% day of auction, Bal. on or before Dec. 31, 1982

PERSONAL PROPERTY: JD 620 tractor w/3 pt. pwr. str., lv. hyd. & pto.; MF 65 diesel w/wide front, 3 pt. & multi power, cliff lock; JD Cyclone A, front end loader for same w/bucket & Meyers snow plow; JD Cyclone B tractor; JD two row culti; JD 227 two row mt. corn husker; Bob Cat skid str. loader; JD three bot 16" trip trailer pl; JD 55 three bot. 14" pl; Oliver two bot. 14" pl; 8' transport disc; 9' single roll cultipacker; JD 3 or 4 sec. harrow; MF 3 pt. two r C planter w/Gandy herb attach; JD 17 single disc grain drill; 8' pull type field culti; MC 76-7' pto combine w/bin; Hesston #1070-7' haybine used 3 yrs.; JD #38-7' Quick Tach mower; Grimm hay tedder; NI 5 bar rake w/rubber mt. teeth; MF #12 baler w/thrower; four wheel dump trailer; (3) bale side wagons; NI 30' bale & c. elev.; JD 16A flail chopper; MC 20-C forage harveter w/c head; NH #328 single beater pto manure spreader; DB pulley type c shellery; Vac-Agway grain cleaner; Behlen 1200 bu. r c crib one yr. old; 75'-6" endless belt; 10' alum. grain elev.; (2) pto grass seeders; 500 lb. platform scale; tractor buck saw; two horse sleigh; 190 gal. fuel tank & pump; post hole digger for 2 cyl. tractor; JD 10" hammer mill; 34' ext. ladder; V type snow pl; Girton 400 milk tank; SS rinse tubs; DeLaval milker compressor; (3) Surge milker units; (3) SS milk pails; 28 milk cans (nice); 15 ton mixed 1st cutting hay; 16 ton wheat & oats straw, 800 bu. ear corn; (75) yrl leg laying hens; (75) Muscovy ducks; dbl. & single trees; butchering equip.,

CAR - 1977 Mercury Monarch 2 dr., 44,000 mi.;

TRUCK - 1973 Ford ½ ton pick up F-100 (51,000)

HOUSEHOLD & ANTIQUES: Jelly cupboard; rd. oak ext. table; high side board w/claw ft. & ornate work; side by side book case & desk comb.; 3 pc. oak BR suite w/h head board; BR furniture; (2) mortised proch benches; sm. ball & claw ft. table; (2) wooden tubs; lg. meat salting tub; butcher bench; youth bed; camel back trunk; Rayo light; cradle; old post cards; Little Orphan Annie, Mickey Mouse & Plute books; Win. 16 ga. mod 37 single barrel; 32 rim fire Hopkins & Allen #832; 22 cal. Hoban single shot;

Terms - Cash or Check **Refreshments available**

Sale order Small shed items 1st, Household Items Approx. 12 Noon, R.E. at 1 P.M., Farm Equipment 1:30 P.M.

Ordered by Executors Carl E. Christman, Lloyd H. Christman
Atty. Paul Edelman
Conducted by Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

Sale Reports

A public sale of real estate and farm machinery was held Oct. 28 for the estate of Wilbur A. Fogelsonger, 6 miles north of Shippensburg.

The 150-acre farm with a large double bank barn, 2½ story dwelling, wagon shed, chicken house and tractor sheds was sold for $114,000.

Other items sold were: J.D. model 336 p.t.o. baler w/bale thrower $5,000, 1974 Int. D tractor $5,025, motor-driven combine $3,000, bin wagons $900 each and bale wagon w/racks $1,100.

Auctioneers were Hershey, McLaughlin and Martin.

xxx

A public auction of catering equipment and antiques was held Oct. 28 by Paul Brooks, 1174 Hanover Street, Pottstown, Chester Co.

Some prices received were: Walk-in freezer $485, Jordan double door commercial freezer $325, commercial cooking pots $17 to $25 each, stemware $15 to $20 per doz., pair of sterling candlesticks $150, spool washstand $85, 1883 to 1923 silver dollars $17.50 to $25 each and 1846 oil painting by M. Smith $2,200.

Ken Moyer was the auctioneer.

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A public sale of the contents of a country store and old toys was held Oct. 30 at the firehall in Denver, Lancaster Co.

Items sold included: toy circus wagon $34, toy cast iron motorcycle $38, toy clown bank $32, toy wind-up lasso toy $95, toy Hubley ice wagon $220, Flora Dora doll $240, celluloid boy doll $75, antique cheese cutter $85, coffee grinders $130, $260 & $265, peanut roaster $450, antique cash register $160, blue design syrup jug $115, minature light shade $100, horse radish grinder $110, National Biscuit tin box $34, hanging store lamp $120, wall telephone $115 and Eclipse Regulator clock $220.

H. H. Leid Auction Service conducted the sale.

CONSIGNMENT
PUBLIC AUCTION
OF FARM EQUIPMENT

& FARM RELATED ITEMS

SAT., NOV. 20, 1982
SALE TIME 9:30 A.M.

Location: Take Route 501 North from Schaefferstown or South from Myerstown to Country House Restaurant. At restaurant turn East to 2nd road right after Elco High School, "Wartluft Road". 1 mile to farm on left. Millcreek Twp., Lebanon County, Pa.

COMBINES

M.F. 510 DIESEL WITH CAB, 12-Foot Grain Table & 4-Row Wide Cornhead; M.F. 410 DIESEL WITH CAB, 12-Foot Grain Table and 4-Row Wide Cornhead.

TRACTORS & SKID LOADERS

M.F. 1135 DIESEL with Cab and Multi-Power; CASE 1210 DIESEL; M.F. 30B INDUSTRIAL DIESEL with Cab, Loader, 1979 Model; M.F. 202 with Industrial Loader; M.F. 135 DIESEL with P.S. Multi-Power and Quick Change Wheels; FARMALL CUB with Belly Mount Mower; MUSTANG Model 1700 Diesel Skid Loader; UNILOADER V-4 with Wisconsin Gas Engine and 60" Bucket; OWATONNA 310 Skidloader with 16 H.P. Gas Engine and Bucket, 1979 Model, Overhauled; CASE DIESEL SKIDLOADER WITH BUCKET.

HARVESTERS - BALERS - FORAGE WAGONS

M.F. MODEL 12 BALER with Thrower; NEW HOLLAND MODEL 68 BALER; GEHL CB800 HARVESTER with 2-Row Narrow Cornhead & Pickup Head & Hydraulic Sharpener; GEHL 600 HARVESTER with 2-Row Wide Cornhead; CASE MODEL 133 BALER; Gehl 920 3-Beater 16-Foot with Roof and 10-Ton Gear; E-Z 3-Beater 16-Foot with Roof and 10-Ton Gear; Grove 3-Beater 16-Foot 8-Ton Gear; Gehl 2-Beater 16-Foot 8 Ton Gear.

TILLAGE EQUIPMENT

J.D. 3x14 3-Point Plow; J.D. F125 3x16 3-Point Plow; Glencoe 7-Tooth Chisel Plow on Transport; Glencoe 10½-Foot Pull Type Field Cultivator (New); M.F. 520 Disc Harrow on Transport; Chattanooga Cultimulcher on Transport; M.F. 4-Row 3-Point Mounted Cultivator Like New; Midwest Rear Mount Tine Harrow.

MISC. EQUIPMENT

GEHL 1090 HAY CONDITIONER Good Conditioner; NEW IDEA 214 MANURE SPREADER WITH Top Beater, Liquid End Gate and Gratz Webb; GEHL 120 HYDRAULIC GRINDER MIXER Good Condition; Avco EZ Side Rake 5-Bar Pull Type with Front Swivel Wheel; McCormick 5-Bar Side Rake; M.F. 17x7 Grain Drill; Kools Hopper Forage Blower; New Holland Forage Hopper Blower; BRADY MODEL 630 4-ROW CORNSTALK CHOPPER WINDROWER Good Condition; 4-Row Cornstalk Chopper; Flatbed Farm Wagon; Wagon Running Gear; New Idea Model 300 2-Row Wide Cornpicker; J.D. 1240 4-Row Cornplanter; Harvest handler 16-Foot Corn Elevator; 21-Ft. 6-In. Grain Auger; Ford Post Hole Digger; Gravity Bin; TAGALONG 9-TON 3-AXEL TRAILER with Electric Brakes; CASE 646 LAWN TRACTOR with Mower and Loader.

NEW EQUIPMENT

7 Ft. 3-Point Scraper Blade; 3-Point Fertilizer Hopper Type Spreader; 5-Foot 3-Point Rotary Mower; 3-Point Boom Pole; Round Hay Bale Feeder Rack; NEW TOOLS, TARPS, ETC.

MISC. NEW HARDWARE ITEMS

Hydraulic Hoses; Plow Shears; Large Assortment of Nuts and Bolts.
5 SPD. DRILL PRESS WITH MOTOR
Load Binders; 20' Tow Chains; Belt Driven Saw Buck; 300 Gallon Fuel Tank on Skids with Pump; 2 Small Grain Augers; Assorted Painted and Unpainted Aluminum and Steel Sections and Assorted Pieces Skylights; 7½ H.P. Motor, Like New.

This is a partial listing we expect more items by auction time. Some items subject to prior sale.

Auction By:
CARL M. ZIMMERMAN
R.D. 2 - Box 362
Myerstown, PA 17067
717-866-7093

Auction Conducted By
John E. and Paul E. Martin, Auctioneers
(717) 733-3511 — (717) 733-3305 Ephrata, PA.
Food At Auction

PUBLIC SALE
OF 3 PARCELS OF REAL ESTATE
SATURDAY, NOVEMBER 13, 1982
At 11:00 A.M.

Located East of Bethel along old Rt. 22, Bethel Township, Berks Co., Pa.

PARCEL #1: Known as Lot 25. Frame bank barn, frame corn & equip. shed on 19 acres of land. Terrain level to gentle slope. Access by private road.

PARCEL #2: Known as lot 26. 10 acres of open land on west side of Airport Rd. Terrain level to gentle slope. Road frontage along Airport Rd.

PARCEL #3: Known as lot 27. 9.5 acres of open land on east side of Airport Rd. Well & septic system. Terrain level to gentle slope.

ZONING: R - Rural District; IC - Industrial-Commercial District.

TERMS: 10% down day of sale, settlement by December 31, 1982. Inspection anytime. For appointment call HORNING FARM AGENCY, INC. @ 215-286-5183.

Terms by:
JAMES R. & HELEN K. HESS
Schlippert & Schlippert
Attorneys
Elton & Alvin Horning, Auctioneers
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543

PUBLIC AUCTION
ANTIQUES & HOUSEHOLD GOODS
SATURDAY, NOVEMBER 20
at 10:00 A.M.

Located 4 miles South of The Buck, turn right off Rt. 272 at Valley View Restaurant, go ½ mile to the Village of Chestnut Level, turn West on River Rd., 2nd place on left after the store. Drumore Twp., Lancaster County.

Kitchen Cabinet; Wincroft Cook Stove; Weaver Pump Organ; Organ Stool; Old 6 Pc. Bedroom Suite; 2 Washstands; 2 Oak Dressers; Chest of Drawers; Set of 6 Oak Chairs; Morris Chair; 6 Reed Chairs; Old Chairs; 2 Plank Chairs; Table with 2 Drawers; Oak Table w/3 Boards; Library Table; Old Rockers; Buffet; Square China Closet; Iron Bed; Cots; Franklin Treadle Sewing Machine; Sm. Chest; Bookcase & Desk Comb.; Iron Floor Lamps; Wooden Medicine Cabinet; Motorola Blk & Wh TV;
Rugs; Plant Stands; Old Picture Frames; Post Card Album; 6 Pc. Toilet Set; Baskets; Wm. Rogers Silverware; Coal Oil Light; Wall Shelf; Coffee Grinder; Old Hook Rugs; Tin Tobacco Can; Biscuit Box; Iron Dogs; Agateware; Crocks; Moose Creamer; Noritake; Salts; 12 Place Setting 18 C Set Of Dishes; Shirley Temple Pitcher; Old Covered Cake Plate; Match Box; Souvenir Creamer & Sugar; Drumore Twp. Hat Pins; China Hat Pin Holder; Pin Cushion; Linens; Comforts; Carpet Beater; Flat Iron;
5 Gal. Coca Cola Can; Steam Pressure Cookware Set; Speed Queen Wringer Washer; Grand Gas Range; Philco Refrig.; Garden Tools; Wheel Barrel; Ext. Ladder; Antique Revolver.

Many More Items Too Numerous To Mention. Not Responsible for Accidents Day of Sale. No Out of State Checks. Refreshments Available.

Sale By The Order Of
MABEL E. JACKSON ESTATE
Joseph H. Hess, Executor
Auctioneers Conducting Sale Are
Lloyd H. Kreider, Randal V. Kline
& Gary L. Shirk

KREIDER & KLINE AUCTIONEERS
Phone 717-786-3394
or 717-733-1006

HERBERT K. SPATZ ESTATE
PUBLIC SALE
109 ACRE FARM, ANTIQUES, OLD CARS, PERSONAL PROPERTY
SAT., NOV. 13, 1982
Sale Time 9:00 A.M.

Location: R.D. 2 Bernville, PA (Tulpehocken Township, Berks Co.). From Womelsdorf follow Route 419 North approx. 6 miles to Summer Mountain Rd. Turn right. Approx. 1 mile to farm.

REAL ESTATE — 12:00 NOON

Real estate will be offered in 2 separate tracts and combined as a whole.

Tract #1 - Consists of 64 acres, more or less, with road frontage on both sides of Summer Mountain Rd. Also has a 2½ story brick home. First floor has 4 rooms. Second floor has 4 bedrooms and bath. Basement with oil-fired hot air furnace and 275 gal. fuel tank. 30'x60' bank barn w/2 hay mows and storage area in center. Bottom part of barn has tie stall area and box stall area. Drilled well. About 40 acres tillable, balance in woodland.

Tract #2 - Consists of 45 acres, more or less, in woodland. Some of this land could be cleared and used as tillable farm land.

For appointment to see property please call Dave Risser at 717-866-6873 or at Webber Chev. 866-2117 - or call Helen Spitler at 866-4234 after 4 P.M.

Terms: 10% down payment day of sale with balance paid in 60 days.

ANTIQUES & PERSONAL PROPERTY

2 piece Corner Cupboard Approx. 87"H., 43"W., 30"D. w/single door top w/12 panes; coin operated player piano w/stained glass window front made by J.P. Seeburg Piano Co., Chicago; (2) Oak sideboards; Round Oak Ext. Table w/claw feet; Oak table w/Drawer; Oak Kitchen Cabinet; Water bench; (2) 3 piece wooden Bedroom suite; small trunk; marble top bureau; Modern 3 piece Bedroom suite; Solid cedar chest; Oak Rocker; Oak China Closet; 4 oak chairs; Single bed w/Box Spring & mattress; night stand; Large Plank seat rocker; Sellers Kitchen Cabinet; Prizer Cook Stove; Wicker rocker; Copper Kettle; Oak Square Ext. Table; 4 small tables; 2 Oak wash stands; 8 Day Wall Clock; Picture Frames; Old Laundry basket; 2 wooden benches; 2 metal lawn chairs; drop leaf table; sofa bed; rollaway bed; 7 piece breakfast set; platform rocker; sofa & 2 chairs; Barrel back uph. chair; 2 end tables; 2 metal wardrobes; Gibson Refrigerator; Premier 30" Bottle Gas Range; Whirlpool wringer washer; Ben Hur Chest Freezer; Frigidaire Chest freezer; C.I. Frying pan; Westbend Electric Frying Pan; Electric Toaster; Sunbeam Electric Mixer; Cookie Cutters; Mixing bowls; coffee grinder; Jugs; crocks; cherry seeder; Slaw cutter; flatware; set of dishes; Remington 300 shaver; bisque figurine; old glass flower vase; candy dish; kerosene lamp; ironstone pitcher, plates, platters & veg. dish; Flower Planter; 2 berry sets; wine set; Glass salad set; Water glasses; tea rose design set of dishes; water pitcher w/6 glasses; straw cutter; old wooden rake & fork; hand & garden tools; 4 power mowers; barn hinges; game traps; C.I hog trough; Butcher stirrers, bench & ladles; meat grinder on stand; 2 sausage stuffers; butcher block; wooden ladder; step ladder; wooden wheelbarrow; rubber tire wheelbarrow; 2 dump rakes; potato plow & cultivator; single trees; Horse Handling equipment; old wooden wagon box; 2 wheel log carrier; 7 large wood barriers; assortment of lumber with some nice oak boards; metal yardgate; 2 rolls of wire, scrap metal, etc.

HAY & STRAW

Approx. 3 tons of coal in basement.

OLD CARS

1963 Chevrolet Belair 4 door; (2) 1954 Dodge 4 doors; (4) Pontiac 4 doors (1936-37?); 1948 Pontiac 4 door.

Sale Order - Tools, Personal Property. Real Estate - 12:00 Noon. Furniture & Cars at 1:00 P.M.

Terms: Cash. No out of state checks.

Conditions by:
HELEN SPITLER
Executrix
Steiner and Sandoe, Attorneys
Dave Risser, Auctioneer
211 E. Main Ave.
Myerstown, PA 17067
Phone 717-866-6873

Refreshments available.

Sale Reports

A public sale of antiques and coins was held Oct. 25 by Sylvia K. Whiteside at the Lincoln Fire Hall near Ephrata, Lancaster Co.

Items sold included: 1793 penny $1060, No. 78 Stanley plane $170, anvil $75, blue design crock $250, agate coffee pot $52.50, clock $150, hat box $185, postcard album $160, toy trolley $100, earthen pie plate $135, wall telephone $200 and oak bedroom suite $670.

T. Glenn Horst and Timothy G. Horst, Auctioneers.

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An estate auction was held Oct. 23 for the estate of Irwin W. Deibert, 1 mile east of Klingerstown, along Creek Road, Schuylkill Co.

The 160-acre farm was sold for $171,000 to Charles and Nancy Masser, Klingerstown. It included a dwelling, large bank-type barn and road frontage.

Other prices were: Int. 80 Cub Cadet $670, 1972 Chevelle Malibu 2-door sedan $1000, Ferguson tractor $950, scoop $185, blade $200, Oliver 60 tractor with cultivator $330, Woods Bros. 5' rotary mower $675, water bench $290, round oak table $340, corner cupboard $1,100, two 3 pc. oak bedroom suites $520 & $275, blue overlay water set $100, flour chest w/dough tray $240, drysink $310, small cast iron zoo bank $130, decorated doll cradle $95, oak bowfront china closet $225, 1880 $5 gold piece $510 and 1856 $1 gold piece $210.

George & Mike Deibert were the auctioneers.

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A public sale of a milking herd was held Oct. 29 by Arnold Herzog of H & H Dairy, 1½ miles east of Parkesburg, Chester Co.

The top cow sold for $1525 and two cows sold in the $1,400s. The average for the 50 cow herd was slightly under $1,000.

Steve Petersheim was the auctioneer.

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A public auction of trucks, trailers, and mushroom equipment was held Oct. 28 by ACA Mushrooms, Inc., 556 Creek Rd., Kennett Square, Chester Co.

Some prices included: mushroom bed diggers $1,100 each, Myers sprayer $785, casing machine $2700, sprayer $1,600, Utility refrigeration trailer $19,500, 1960 refrigeration trailer $3,700, 1978 GMC dump truck $5,300, Morgan single-axle refrigerator trailer $16,000, Ford tractor & loader $5,400, Int. 1975 truck $7,800, Peterbilt 1978 model 352 truck $25,000, 1979 Cherokee van $3,100, 1975 Dodge pickup truck $2,400, Michigan loader $5,000, 1980 580C Case w/loader $9,700, 1980 Dodge pickup $4,100, 4-ton jack $360 and base radio $2,000 plus units $700 each.

Whitford Sales Co. conducted the sale with L. Robert Frame, auct.

PUBLIC SALE
OF REAL ESTATE

Lg. 1 story 80' by 60'
Cement Block Building Body Shop

MON. NOV. 8
At 8:00 P.M.

Loc. along Winter Hill Road, Strasburg Twp., Lanc. Co., PA (along road leading from New Providence to Strasburg, just East of Zion United Church of Christ).

Real Estate contains: 80' by 60' one story cement block garage & body shop w/stucco front. Part #1 is a: 30' by 60' garage with 14' overhead door. Part #2 is a: 30' by 60' garage with 14' overhead door; also: 15' by 18' paint rooms. Also: office room, parts room & sec. floor storage. Oil hot water furnace w/summer-winter hookup, well water, elec. & septic tank & drain field. Lg. stoned parking area in front of building.

Lot totals: 1 acre & 30.25 perches of land with 145' road frontage by 300' depth, more or less.

Property will be open for inspection Sat's October 23 & 30 and November 6, from 1:00 until 3:00. Real Estate to be sold at 8:00 P.M.

Sale by
DONALD L. HESS
Gingrich & Smith, Attys.
Howard Shaub, 464-3541
and Roy C. Probst
Auctioneers

PUBLIC SALE
SATURDAY, NOVEMBER 20, 1982
9:30 A.M.

Located 1 mile East of Ickesburg, 10 miles West of Millerstown, Perry Co., PA., off Rt. 17, turn on Hall Rd., (Watch for signs), farm at end of Hall Road.

LIVESTOCK

7 Work Horses (Sound - Well broke - Good Flesh) 1 Suffolk Ewe.

DAIRY EQUIPMENT

Lister ST2 14.6 HP Diesel; Sputnick Motor; LP Gas Water Heater; Cow Trainers; Rope; Ear Tag Applicator; Manure Scraper; Battery Charger; Battery Clock; Lehigh 5 HP Compressor; 3 Delaval Sterling Milkers; LP Gas Space Heater; Halter; Dehorners; Barn Broom; Silage Fork; Dairy Scales; 12V Pequea Battery; Small Feed Bin; 300 lb. Sputnick; 55 lb. Pails; 2 Feed Carts; Kow Kant Kick; Feed Scoop; Garbage Pail; 12V Fencer; Mastitis Tubes; Penicillin, etc.

FARM EQUIPMENT

N.H. 273 Baler with Mellinger Applicator & 2 Cyl. Wisconsin Engine; N.I. 206 Manure Spreader; N.H. 455 Mower; N.H. 404 Crusher - Wisconsin VF4 Engine; N.H. 256 Rake with rubber Mtd. Teeth; Zimmerman 32 ft. Elevator; Hyd. Motor with 50 ft. Hose; Hyd. 2-way Pump with 5 HP Briggs & Stratton Motor; Oliver 2-bottom 14 in plow; J.D. KBA Disk; I.H. 12 ft. Harrow; 9 ft. Cultipacker; 3 Farm Wagons; 200 Gallon Sprayer; 2 HP Briggs & Stratton; 3 Farm Carts; J.D. 999 Corn Planter; I.H. 44 Corn Planter; Fox Harvester with Mtd. Table; I.H. PTO Corn binder with 10 HP Briggs & Stratton; Horse-drawn Cultivator; J&M Bin Wagon; 2,3,4 and 6 Horse Hitches; 9 Work Harnesses; Collars; Bridles; Plow Shears; Scrap Iron; Barbed Wire; No. 9 Wire; Bolt Assortment; Baler Twine; Binder Twine; Liquid Fertilizer (2-55 gal. drums); Fly Net.

(Rubber Tires or steel Wheels available on most equipment); (Misc. Items)

Not Responsible for Accidents
I.D. Required for Bidder's Number
Lunch stand

AARON K. SMUCKER and ELIZABETH R. SMUCKER
Owners

Sale by:
KLING'S AUCTION SERVICE
R. D. 1, Landisburg, PA 17040
tel. 717-789-3883

TRI-CITIES SPECIAL DRAFT HORSE & MULE FALL COLT CONSIGNMENT SALE
TUESDAY, NOVEMBER 9, 1982

Located at Kingsport Livestock Market just off Hwy. 11-W

Sale Starts at 12:30 Sharp

RULES OF SALE
"Special Attention"

No riding type horse.
"All guarantees between Seller and Buyer."
All horses must be in sale barn by midnight Monday, Nov. 8.
All colts will be sold first.
All horses and colts will be fitted with new shipping halter at seller's expense.
Absolutely no horses or mules will be accepted without calling in for consignment.

Sale Held In Clean Barn.
Reliable Trucking Available.

TERMS OF SALE: Cash, Cashier's Check and other checks with proper I.D. and bank reference.

5% Commission
$10.00 No Sale
$2.00 Per Head Per Day For Feed and Grain

MOTELS
Ramada Inn — 615-245-0271
Holiday Inn — 615-247-3133
Econo Travel — 615-245-0286
Tri-City Airport is available.

Special Attraction

Our past 3 sales have had some horses and mules for any occasion. From the show ring in any top show to a good logging gelding or a good cultivation mule. Mr. Farmer, Dealer, or Breeder that is looking for top quality stock — "DON'T MISS THIS SALE!"

For further information call Billy Cochran at 615-234-4675 or 615-348-7387

JANUARY SALE WILL BE HELD JAN. 11, 1983

PUBLIC SALE

Lynn Dietrich, Auct. Rife & Rife, Clerks

PUBLIC SALE OF (NORTHCO) HOG FINISHING HOUSE EQUIPMENT AND MISCELLANEOUS ITEMS

Located 2 miles west of U.S. #11, turn right off U.S. #11 (7 miles south of Chambersburg, Pa.) at Crossroads Farm Dairy, onto Kauffman Rd. Turn right on Guitner Rd. and left on Coldsmith Rd. on:

SATURDAY, NOVEMBER 20, 1982
At 1:00 P.M.

Equipment: Stainless Steel fence panels; 22 ea. 5 ft. x 30 in.; 59 ea. 5 ft. x 34 in.; 12 ea. 10 ft. x 34 in.; 3 ea. 24 in. single speed exhaust fans with ½ hp motor; 2 ea. 24 in. 2-speed exhaust fans with ½ hp motor; 5 ea. Honeywell farmostat control units; 22 ea. outside wall mounted air inlet hoods; 2 ea. 60 ft. air intake duct and flow control systems; 2 ea. complete (11-drop) floor feed systems, with time clock control; 2 ea. flex-auger units; 2 ea. (Reed) FFT-72 6.5 ton feed bins with Pneumatic fill kits; 1 ea. water meter; 1 ea. filter and medicator valve assy. hook-up; 1 ea. medicator proportioner; 22 ea. water nipple and bracket assys.; 22 ea. 3 ft. drop hoses; 2 ea. 11-drop, plastic water lines with tees; misc. water lines and valves; 1 ea. wood loading chute; 1 ea. (Onan) 2 cyl. - 19.5 hp. 10 KW 120/240 volt emergency power unit with dolly wheels; 1 each double/throw (100 amp) main disconnect switch; 1 ea. ½ hp. electric motor; 1 ea. 24 hr. time clock unit; 1 ea. (International) Super 98 electric fencer; 1 ea. Western Auto electric fencer; 1 ea. 150 gallon gasoline tank with pump; 72 ea. steel posts with brackets for hog fence panels; 1 ea. 50cc (Ideal) pistol grip syringe. Other miscellaneous items.

Note: Equipment is in good condition, used 4½ years.

Terms: Cash or Approved Check
I.D. required for bidders number
Not responsible for accidents

E. RICHARD MYERS
2253 Coldsmith Rd.
Greencastle, Pa. 17225
(717) 375-2316

KATIE LOVERICH ESTATE
98 ACRE FARM AUCTION 98 ACRE

SAT. DEC. 11, 1982
1:00 P.M.

This farm is situated in Swatara and Bethel Twps. 1½ mi. West of Fredericksburg, Pa. Lebanon Co., along the Lickdale to Fredericksburg Rd. From the (square) in Fredericksburg follow the Main St. West past C.F. Manbeck Poultry Plant, proceed approx. 1 mi. and crossover Int. 78 bridge, continue to farm auction sign to your right. From Lebanon proceed North along Rt. 72 (approx. 10 mi.) to Lickdale intersect, turn right at C.P. Long Sunoco Station and go approx. 4 mi. to farm on your left. Watch for large auction sign with arrows.

(Approx. 6,000 Ft. of Superior Road Frontages)

Special Mention: The following described parcel of farm real estate consists of approx. 6,000 ft. of superior road frontages along Lickdale Rd., Sunset Dr., and Werner Rd.

REAL ESTATE: Being a tract of land consisting of approx. 98 acres thereon located the following improvements. (78 acres tillable land and remaining 20 acres combination of pasture & woodland)

Thereon Situated: A 2½ story frame asbestos siding dwelling with tin roof, 1st. floor has large kitchen, dining rm., living room & family rm. 2nd. floor consists of (4) large bedrooms. 3rd. floor: storage attic. Other improvements include attached front & rear porches w/asphalt shingled roofs, basement with newly installed oil fired hot water heat system, well water.

Also, large barn in excellent state of repairs with a recently renovated roof, tool shed, corn crib and other outbuildings.

Inspection: For your convenience we have a (2) day open house - Sat. Nov. 13 & Sun. Nov. 14 from 1:00-3:00 P.M. both days. Otherwise by appointment with auctioneer by calling 717-865-4145 or 865-6424. For (open houses) meet auctioneer Roger Myers and John Loverich, executor of estate at farmhouse for descriptive aerial map & other information or questions you might have concerning this real estate.

Terms: 10% down auction day & balance in 30 days or upon settlement prior thereto.

Please note: This unique (98 acre) farm to be offered as ONE parcel.

Auctioneer's Note: This is one of the largest parcels of real estate to be offered at auction in this area. An ideal location on the outskirts of Fredericksburg only minutes from Lebanon, Hershey, Harrisburg, Penn National. Superior Road Frontage totaling approx. 6,000 ft. makes this real estate very desirable for farmer, investor, or developer.

I'm looking forward to seeing all of you at the open houses Nov. 13 & 14 from 1:00-3:00 p.m. and auction day, Dec. 11 at 1:00 p.m. I invite you to attend. Thanks.

JOHN S. LOVERICH
Executor of Estate

Auction Conducted by Division of:
ACTIVE LINE REALTY
Auctioneer - Roger L. Myers - Realtor Associate
Fredericksburg, PA. Ph. 717-865-4145
Attorney - Siegrist, Koller, Brightbill, Long.

FREE REFRESHMENTS

Public Sales Register

Closing Date - Monday, 5.00 P.M
of each week's publication

NOVEMBER

SAT NOV 6 - 9 A.M Public Sale of Tractors, Farm Equipment, Shop Tools, Household, Antiques and Misc located approx 40 mi. South of Washington, D.C , 20 mi south of Waldorf, MD, approx. 3 mi north of the Potomac River Bridge, from Rt 301 South turn east on Cobb Island Rd , Rt 257, go approx. 5 mi turn left at S.L. Sim's Grocery onto Mt. Victoria Rd , go approx .2 of a mi , turn right on Wicomico Beach Rd., 1 mi. to sale. Estate of Grace Thorne Stamp. Edgar A Bohrer, Auctioneer.

SAT NOV. 6 - 9 A M Public Sale of Farm Equipment, Household Goods, Antiques and Tools. Located along Eastern School Rd , south of New Holland, Lanc. Co , PA Paul Z Martin, Owner Paul W Horst and Lamar Z. Sensenig, Auctioneers.

SAT. NOV. 6 - 9 A.M. Public Sale of Garage Tools, Ford Parts and Office Equipment Located at the north end of Shrewsbury Boro, York Co , PA at the intersection of old Rt 111 and the Plank Rd Five Town Motors, Inc , Owner Robert L Sechrist, Auctioneer

SAT NOV 6 - 10 A M. Public Sale of Farm, Cows and Equipment Located between Milton and Turbotville, Turbot Twp , Northumberland Co , PA, take Rt 147 to Rt Rt 254 E to Stamms Dairy Store, turn left to Hoy Rd , turn right 1 mi. to property Henry and Barbara Yoder, Owners Elton and Alvin Horning, Auctioneers

SAT. NOV. 6 - 9.30 A.M Public Sale of Real Estate, Antiques and Household Goods. Located along 322 in the village of Hinkletown, between Ephrata and Blue Ball, next to Ephrata Nat'l Bank, Earl Twp., Lanc Co., PA Mary W Reemsnyder, Owner. T Glenn and Timothy G. Horst, Auctioneer

SAT. NOV 6 - 9 A.M Public Sale of Antiques and Modern Household Goods. Located in the Borough of Abbottstown, PA at 101 Hanover St Martin V McWilliams, Owner. Clair Slaybaugh, Auctioneer.

SAT. NOV. 6 - 11 A.M Public Sale of Real Estate. Located South Lebanon Twp., Lebanon Co., PA, from Lebanon take 422 east approx 4 mi to Prescot Rd , south of Prescott Rd. approx. 2 mi. to Birch Rd. west on Birch Rd., 1st farm on left at lg. evergreen tree, approx 3 mi. west of Myerstown Miles and Kathryn Horst Estate Clayton C Kleinfelter and Sons, Auctioneers

SAT. NOV 6 - 9 A M Public Sale of Cars, Vans, Carryalls, 4x45, Mechanics/Pickup Trucks. Located at the Barbadoes Gen. Stn. on the island at the end of Haws Ave., 2 blocks south of Main St , In Norristown, PA Philadelphia Electric Co Vilsmeier Auction Co

SAT NOV 6 11 P M Public Sale of Cattle. Located at 7730-A Sunday's Lane, Frederick Co., MD , from Frederick take Rt. 15 north approx. 6 mi turn left on Sunday's Lane. George S Wachter, Jr., Owner Trout Auctioneers.

SAT NOV 6 - 10 A.M Public Sale of Farm, Antiques, Collectibles, Household Goods and Farm Related Items. Located ¼ mi east of Troxelville on Troxelville - Penns Creek Rd. Estate of Mrs. Hattie C. Norman. Jay E. Lauver, Auctioneer

SAT. NOV. 6 - 9:30 A.M. Public Sale of Cars, Trucks, Contractors Tools and Supplies and Johnson Ralph Heck, Owner. William A Wentling, Auctioneer

SAT NOV. 6 - 9 30 A.M. Public Sale of School Equipment and Supplies. Located along Main St. at the east end of Morgantown at the old Caernarvon Elem. School Bldg. Terms by Twin Valley School District Elton and Alvin Horning, Auctioneers

SAT. NOV. 6 - 11 A.M Public Sale of Farm Machinery. Located on Country Rd., 5, just off Rt. 14A in Hall, NY, 5 mi. south of Rt. 5 and 20, 7 mi. south of Geneva. Hall Equipment Co., Owner Harris Wilcox, Auctioneers.

SAT NOV. 6 9.30 A.M. Public Sale of Cattle, Handiwork and Misc. Located 15 mi. east of Lancaster off U.S 30, 2 mi south of Kinzers on Kinzers Rd Linville Hill Mennonite School. Leon Kurtz, Steve Petersheim and Omar Stoltzfus, Auctioneers

SAT NOV. 6 - 12.30 P.M Public Sale of Cattle Located at the Erie County Fairgrounds, on McKinley Parkway, just off the N.Y S. Thruway I-90 at Exit 56 near Buffalo. Western New York Regional Sale. William Kent, Inc., Auctioneers

SAT NOV. 6 - 9.30 A M Public Sale of Antiques, Coins and Misc. Located at Old 22, 1½ mi east of Grantville, 1 mi. west of Harpers. George R. Witmer, Owner. Van G. Hocker and Don Harnsberger, Auctioneers.

SAT. NOV. 6 - 9.30 A.M Public Sale of Farmette, Land, Farm Equipment, Antiques, Collectibles and Household. Located at R.D. 3, Benton, PA on Distillery Hill Rd., .2 of a mi from Benton Borough. Estate of Harold Hartman. Gele L. Derr and Frank Stackhouse, Auctioneers.

SAT. NOV 6 - 10:30 A.M. Public Sale of Farm Equipment and Trucks. Located at Visscher Farm, Rt. 282, 1½ mi. south of Nichols, NY, 18 mi north of Towanda, PA. Consignment Auction Howard W. Visscher and Ed Goodrich, Jr., Auctioneers

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PUBLIC SALE

OF REAL ESTATE
MON. NOV. 8
At 7 PM

Located along #222 New Providence Twp., Lanc. Co., PA (about 1 mile North of Quarryville, PA

Real Estate is a 2½ story 8 rooms & 1½ bath stone house. House contains: kitchen w/gas stove, cedar cabinets, st. st. sink & knotty pine walls, dining room w/half panel walls, & cushion ceilings. Lg. family room w/stone fireplace w/knotty pine walls, laundry room & powder room on first floor.

3 bedrooms & full bath w/shower & knotty pine walls & cedar closet on second floor. Also, second floor apartment containing: kitchen w/gas stove, elec. refrig., living room, bedroom & full bath w/shower. All rooms have: w to w carpeting, cushion ceilings & paneled walls.

Lg. lawn w/trees & shrubbery, driveway.

Also 16' by 32' underground swimming pool w/new liner & pump.

Very nice stone house. Lot contains: 0.974 acres of land with 141' frontage along #222 by 230' depth, more or less. Property will be open for inspection Sat's October 23 & 30 and November 6 from 1 until 3.

Real Estate to be sold at 7 p.m.

Sale by

DONALD L. HESS

Gingrich & Smith, Attys.
HOWARD SHAUB, 464-3541
and Roy C. Probst, Auctioneers

PUBLIC SALE

OF NEW APPLIANCES, KITCHEN CABINETS & VANITIES
FRIDAY EVENING
NOVEMBER 12, 1982

Sale Time 6:30 p.m.

Located along Rt. 772 Between Brownstown & Leola in the village of Talmage, Lancaster Co., PA.

15 Cu. ft. G.E. refrigerator (no frost - new) almond; 30" G.E. kithcen stove (almond - new); 30" R.C.A. whirlpool kitchen stove (drop-in-new); G.E. spacemaker micro-wave oven (new); Whirlpool dishwasher (under counter-new); G.E. dishwasher (under counter-new); Jenn-Air cook top (with grill-new); G.E. wall oven (new).

KITCHENS & VANITIES

18' Cherry kitchen - double cast iron sink with faucets, clock, range hood; 12' pine kitchen; 7' oak kitchen (raised panel) stainless steel sink & faucets; 6' birch kitchen with double bowl stainless steel sink & faucets; 36" oak serving island cabinet (solid maple butcher block top); 60" pine vanity with marble top; 54" birch vanity with marble top; 24" painted vanity with top & faucets; 42" birch vanity with formica top; 36" light oak food file with 36" matching desk & upper cabinets; oak corner cabinets & oak lazy susan; 5' gold cast iron tub; 4'6" almond cast iron tub with side walls; moulding & other misc. kitchen & vanity supplies.

Terms by:

STOLTZFUS CABINET SHOP
T. Glenn Horst, Auct.
859-1331
Timothy G. Horst, Auct.
738-1245

PUBLIC SALE

OF REAL ESTATE, ANTIQUES AND HOUSEHOLD GOODS
SATURDAY, NOV. 27, 1982

9:30 A.M.
REAL ESTATE AT 1:00 P.M.

Located at 861 Park Hill Drive, 1 block off Route 72, ½ mile South of Manheim, Lanc. Co., 1 block West of Merkey's Car Lot. Watch for sale signs at Merkeys Car Lot.

Real Estate consists, Ranch Style House, brick and aluminum siding, 3 bedrooms, bath, large living room, small room, kitchen & dining room, large basement and basement garage, oil hot water heat. This house is on corner lot, large yard.

Open House — Nov. 13, 12-4 P.M. Terms: 10% down, balance 30 days. Real Estate 1:00 P.M.

Household Goods

Frigidaire Refrigerator with Freezer on top; Frigidaire Chest Type Freezer; Ashley Wood Stove, new; New Home Sewing Machine, like new; Musette Player Piano; 35 Piano Rolls; Sylvania TV, black and white; Twin Beds and Mattresses; Cedar Closet; Compact Sweeper; Kenmore Floor Polisher; Love Seat; Sofa; 2 Reclining Chairs; Swivel Rocker; Platform Rocker; Coffee Table; Book Stand; Floor Lights; Table Lights; Desk; Ironing Board; Hassock; Mirrors; Food Grinder; Maytag Wringer Washer; Wash Tubs; Salt and Pepper Sets; Foot Massager; Quilts; Rugs; Large Safe; Picnic Table; Wagon with Six Horses; Michters Souvenirs; Bedding, new and used; Sheets, new and used; Pillow Covers, new and used; Bath Towels, new and used; Rick Rack; Table Cloths; Jars; Cooking Utensils, new and used; Aluminum Extension Ladder; Garden Tools; Shovels; Bag Wagon; Wheelbarrow; Jacobsen Mower, and many more household articles.

Antiques

Oak Bedroom Suite; 3 Blanket Chests; Oak Dresser; Small Table with drawer; Clothes Tree; Throw Rugs; Small Tables; Chairs; Reed Flower Stand; China Closet with Bow Front; Mantel Clock; 2 Wine Sets; Lustre Pitcher; Dishes; Jelly Cupboard; Wooden Barrel; Crocks; Coal Oil Lights; Kitchen Cabinet; Baskets; D. F. Stauffer Biscuit Co. Can; Iron Frying Pans; many more antiques and other items not listed.

Sale at 9:30 A.M.

Terms by

MINNIE OXENREIDER ESTATE
Roy Ober & Edith Long, Executors
Frank and Paul Snyder, Auctioneers.
717-859-2688 717-733-7052
Fasnachts, Clerks
David Young, Atty.

Refreshments
Not Responsible For Accidents
No Out of State Checks

PUBLIC SALE

CHESTER B. WORLEY ESTATE
FARM MACHINERY, HORSE DRAWN EQUIPMENT, TRUCKS, CARS, NURSERY EQUIPMENT, BEE SUPPLIES, OFFICE EQUIP.
WEDNESDAY, NOVEMBER 10, 1982

At 10:00 A.M.

The undersigned executor of the above mentioned estate will sell, at Public Sale, at the decedent late residence, located 2 miles North of York Springs along Business Route #15 in Latimore Township, Adams Co., PA the following:

8 — TRACTORS — 8

FORD 4000 diesel; Jubilee; FORD 9N; FARMALL Super AV; 2 JOHN DEERE A's; Caterpillar D2; Ford riding lawn mower; JD A cultivators and fertilizer attachments; Ontario 13-7 Hole Grain Drill; JD #290 2-row planter; 2 Rotary mowers; JD & Ford; Ford hay rake; Ford scraper blade; Ford hay conditioner; New Idea corn picker; NH Ensilage blower;; NH chuck wagon; 2 NH Balers; JD Bale elevator; Gehl forage harvesterr w/grass head; New Idea spreader; New Idea fertilizer & lime spreader; Silo unloader; JD wood saw; Field sprayer; Ground scoop; 3-pt; Howard 30" rototiller; Lawnboy mower; Gravely with rotary mower attachments; Hammermill; Air compressor; Trailer; Round hog feeder; Grindstone; Corn sheller; Platform scales; Wheelbarrow; Lumber; 15 gal. roof coating; Chests; Post boring machine; Post hole digger; Pitchforks; Sheaf forks; Hinges; Wooden barrels; Home made saw mandrel.

NURSERY EQUIPMENT

Peach seed planter; Tree transplanter; Caterpillar tree digger; Hardy sprayer with wooden tank; Myers sprayer; Irrigation pump; Tree packing boxes; Unmarked 1-bu. crates, apple; Potato grader; Tree tying machine; Power pruners; Hoes; Baskets; Staple machine for boxes; Dolley; Nursery cultivators; Stakes; Bee Equipment plus many other nursery & farm supplies.

HORSE DRAWN EQUIP., ETC.

Tree diggers; riding cultivators; Furrow plow; Ground scoop; Scoring out plow and seedling planter; Middle rings; Sleigh; Horse gears; Collars; Yokes; Single trees; Jockey sticks, etc.; Weather vane; Grist Grinder; Ice tongs.

TRUCKS - CARS

1979 GMC Pick-up truck; 1972 GMC ¾ ton pick-up truck; Racks for Model "T" Ford; 1968 Ford station wagon; 1966 Chevrolet Impala.

OFFICE EQUIPMENT

Office Desk & Chair; 3 Cole 4-drawer file cabinets; 3 Card Files; Royal manual typewriter; Stand for typewriter; Victor adding machine; 3-M Copy-Mite copier; 2 Check writers, 1 a Paymaster.

MELVIN S. WORLEY, Executor
R.D. #1 York Springs, PA
717-528-4519

CLAIR R. SLAYBAUGH, Auctioneer
Idaville, PA Phone: 717-677-7479
JOHN W. BEACH, Attorney
34 W. Middle Street
Gettysburg, PA

Clip & Save

JAMES LINDOW DISPERSAL

Triangle, NY

FRIDAY, NOVEMBER 12, 1982

11:30 A.M.

Sale to be held on the farm on South St., 1 mi. south of Rt. 206 in Triangle. Triangle is on Rt. 206 and is 5 miles east of Whitney Point, use exit 8 off I-81 to Whitney Point.

42 GOOD HOSLTEINS 42

27 Mature cows of which 13 are handling, 3 fresh, 1 due Feb., 8 due April through June, 1 just bred and one open, 1 big open heifer, 4 (6-8 month old heifers), 9 started calves, one well started bull. You will find a nice set of cows here. They have been pregnancy examined, shot for shipping fever, blood and TB tested and are eligible for immediate interstate shipment day of sale.

MACHINERY AND PRODUCE

NI 1 row corn picker, JD 34 chopper w/one row corn and pickup head, NH 328 spreader w/endgate, Int. 4 row corn planter, JD 3 pt. hitch corn planter, 2 field tanks, barn fan, 4 Surge milkers, PRODUCE approx. 2500 bales of this year's hay to be sold in 2 lots.

JAMES LINDOW, Owner

Selling same time and same place Edward and Joyce Spencer Machinery

INt. 400 gas tractor w/NI loader, AC WD gas tractor, NI 270 cutditioner, Int. 215 side rake, NH 67 baler, Gehl chopper w/3 head, Gehl self-unloading wagon on good gear, AC short hopper blower, Int. 3 btm. fast hitch plow, Skeleton elevator, Sensor Surge milkers, dumping station and releaser.

EDWARD AND JOYCE SPENCER, Owners

P.S. We will sell machinery first, followed by produce, then cattle. 2 outfits selling at one location.

Terms cash or good check with positive ID
Lunch Available

Mel Manasse,
Sales Manager and Auctioneer
Whitney Point, NY
607-692-4540

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT. NOV. 6 - 6:30 P.M. and SUN. NOV. 7 - 2 P.M. Public Sale of Decoys, Nautical Gift Shop Items, Brass, Bisque, Wood and China Items and Church Benches Located at Bel Air Auction Galleries, Inc., 13 Ellendale St., Bel Air, MD, Harf. Co., 1 block from U.S. Business Rt. 1 and MD Rt. 24, Rock Spring Rd. William H. Amoss and Glenn Freeman, Auctioneers

MON. NOV. 8 - 7 P.M Public Sale of Real Estate. Located along Rt. 222 New Providence Twp., Lanc. Co., PA, about 1 mi. north of Quarryville, PA. Donald L. Hess, Owner. Howard Shaub and Roy C. Probst, Auctioneers.

MON. NOV. 8 - 8 P.M. Public Sale of Real Estate. Located along Winter Hill Rd., Strasburg Twp., Lanc. Co., PA, along road leading from New Providence to Strasburg, just east of Zion United Church of Christ. Donald L Hess, Owner Howard Shaub and Roy C. Probst, Auctioneers.

SAT NOV 13 - Public Sale of Farm Equipment. Located along Union Grove Rd., midway between Terre Hill and Churchtown. Cleason Martin, Owner Nevin Martin and Lewis Groff, Auctioneers

SAT. NOV. 13 - 9 A M Public Sale of Antiques, Hand Tools and Blacksmith Tools. Located east end of Churchtown, PA along Rt. 23 Noah Martin, Owner Horning Farm Agency, Inc., Auctioneers

SAT NOV 13 - 11 A M Public Sale of Real Estate Located east of Bethel along old Rt 22, Bethel Twp, Berks Co, PA James R and Helen K Hess, Owners Elton and Alvin Horning, Auctioneer

SAT. NOV 13 - 12 Noon Public Sale of Farm, Antiques and Personal Property. Located at R.D 2, Bernville, PA, Tulpehocken Twp., Berks Co. from Womelsdorf follow Rt. 419 north approx 6 mi to Summer Mountain Rd, turn right, approx 1 mi. to farm Herbert K Spatz Estate Dave Risser, Auctioneer

SAT NOV 13 - 9 A M Public Sale of Blacksmith Tools, Gas Engines and Antiques Located along Rt 23 at east end of Churchtown, Caernarvon Twp, Lanc Co, PA Elton and Alvin Hornings, Auctioneers

SAT. NOV. 13 - 10 A.M Public Sale of Real Estate and Household Goods Located from S Market St at Elizabethtown Borough line, .9 mi. on Groff Ave to auction Box 1A Estate of Esther M Giberson John T Ensminger, Auctioneer

SAT. NOV. 13 - First Time at New Holland Sales Stables, Inc, 12 miles east of Lancaster, Pa. at New Holland, Pa Southeast District 4-H Beef Show and Sale Friday, Nov 12th - arrival of 4-H Cattle Grooming and Harrisburg Selections.

SAT. NOV 13 - Public Sale of Line Equipment and Trucks. Located in Wrightstown, PA Vilsmeier Auction Co

SAT NOV 13 - 9 30 A M Public Sale of Office Equipment and Auto Parts Located at Old Harrisburg Auto Parts Building, 1027 Market St., Harrisburg, PA, Col L M F Hocker and Don Harnsberger, Auctioneers

TUES NOV 9 - Public Sale of Surplus Const Material Located in Richmond, VA Vilsmeier Auction Co

TUES NOV 9 - 5.30 P M Farmersville, Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa. John J Rutt, Auctioneer

TUES NOV 9 12 Noon Public Sale of Cattle Located 2 miles east of Landisburg, Perry Co, on Rt 850 at new sale barn Alfred W Albright, Owner Art Kling, Auctioneer

TUES NOV 9 - 12 30 P M Public Sale of Horses and Mules Located at Kingsport Livestock Market just off Hwy 11-W

WED NOV 10 - 7 30 P.M Public Sale of Cattle Located at Snjenandoah Valley Livestock Sales, Inc, 1044 Edom Rd, Harrisbonburg, VA

WED NOV. 10 - 12 30 P M Public Sale of Cattle Located in New Castle, PA, 2½ mi northeast of New Castle, just west of Rt 168 at 212 Lakewood Rd Shirley Mitcheltree and Family, Owners William Kent, Inc, Auctioneers

WED. NOV. 10 - 11 A M Public Sale of Cattle, Tractors, Machinery, Milking Equipment and Produce Located at the farm, just west of Auburn Four Corners, 10 mi south of Montrose, PA, use Rt 29, to Dimock, go west to Elk Lake, turn left at blinker follow arrows, 8½ mi from Meshoppen, take Rt 267 to Auburn Center, turn right follow arrows to farm Mr and Mrs Teo Dwen, Owner Howard W Visscher and Bill Mead, Auctioneers.

LATE FALL CONSIGNMENT AUCTION SALE!!

SATURDAY, NOVEMBER 20, 1982

9:00 A.M.

You are invited to consign your tools or equipment to our well attended auction, held in our yard rain or shine!

We Offer:

Effective, crowd drawing advertising!
Knowledgable, professional acutioneers!
Competitive consignment commission rates!
Prompt, accurate payment on sale of consignments! Pickup of consignments can be arranged!

JACK WOOTTON
Auction Manager, NJSA, NAA

Tractors, farm implements and tools, Landscaper equipment, Industrial and Contractors equipment and tools, cars and trucks, antique and special interest vehicles, Recreational vehicles. Turn your unused items into cash before winter sets in!

PUBLIC SALE

OF FARM EQUIPMENT, HEIFERS, CROPS, HIT-MISS ENGINE, HOUSEHOLD GOODS

SATURDAY, NOV. 13, 1982

11:00 A.M.

Located along Union Grove Rd., midway between Terre Hill and Churchtown, near Lichty's Church. East Earl Twp., Lanc. Co., Pa.

3010 John Deere Diesel Tractor on steel; 860 Ford Gas Tractor on steel; Petter 15 H.P. Diesel Engine with Auto. Controls; John Deere 14T Baler; New Idea 9' Cutditioner; New Holland 331 Manure Spreader; M.F. 7' Pitmanless 3pt. Mower; Int. 3-16" 450 Auto. Reset Plow; Int. 4 Row Corn Planter; Oliver #64 17 Disc Grain Drill; Oliver 10' Disc; 10' Spring Harrow; 10' Sprocket Packer; 6' Cultimulcher; 2 - 16' Flatbed Wagons; 3 pt. Cultivator; 717 New Holland One Row Harvester; 10 K.W. Belt Drive Generator; 2 Row Cultivator for J.D. B.; Stauffer 2 Row Transplanter; 2 - Side Delivery Rakes; Sauder D.2 Loader; Ezee Flow 12' Fert. Drill; Teel Irrigation Pump with 5 H.P. B.S. Engine; Mighty Mack Sprayer on Cart with 3 H.P. Engine, like new; Papec Ensilage Cutter; Shovel and Spike Harrow; 3 - Fuel Tanks, 2 with Pumps; 2500 Tobacco Lath; Tobacco Shears; Calf Hutch; 20 lb. Repeat Dump Scale; Wiard #27 Walking Plow; Hyd. Cylinder; Scalding Trough; Baler Twine; 28 Head hay Rack; New 5' Wire Fencing; Knap-Sack Sprayer, like new.

FULLER-JOHNSON HIT AND MISS ENGINE

with Pump and Wooden Tank on Cart

HEIFERS - CROPS

6 - Open; 2 - due to freshen early winter. 25 ton Mixed Alfalfa; 8 Ton Straw; 45 Bu. Small Grain Rye.

MILKING EQUIPMENT

Girton D-2 400 Gal. Bulk Tank; 3 - Surge Milkers, 2 - 40 lb., 1 - 50 lb.; 2-Carrying Pails; Stainless Steel Strainer; Surge S.P. 11 Vac. Pump; DeLaval #76 Vac. Pump; Vac. Controls.

HOUSEHOLD GOODS

Gas-Electric Refrigerator with auto. Defroster; Warm Morning Heater with Auto. Controls; Formica Top Kitchen Cabinet; Breakfast Table with one board; Large Copper Kettle with Wooden Stirrer; 12'x17' Rug, good condition.

NOTE: Not many small tools. Come early and enjoy the day with us.

Sale for

CLEASON & ANNA MARTIN

Aucts.

Nevin Z. Martin and Lewis B. Groff

Lunch Served - Not Responsible For Accidents

PUBLIC SALE

VALUABLE REAL ESTATE

FRI., NOV. 19, 1982

Sale 1:00 p.m.

Located 4 miles west of Nine Points, 1 mile west of Bartville, 2½ miles east of Route 472 from Kirkwood, along Noble Road, Colerain Twp., Lancaster Co., Pa.

REAL ESTATE

100 Acres more or less Dairy; Swine and Tobacco farm.

2½ story brick and aluminum two-family unit house. 12 rooms, 2 bathrooms.

Large bank barn, 40 staunchions; horse stable; box stalls; loafing area. Milk house with 600 gallon Dari-Kool Ice Bank bulk tank; 13' x 60 concrete stave silo; tobacco shed; corn barn; small horse barn; room for 14,000 lath of tobacco; 1200 bu. wire corn crib.

Hog finishing unit 32' x 120 built to handle 400 head.

Approximately 80 acres in high state of cultivation. Approximately 17 acres of permanent pasture.

A well located farm, with land and buildings in good condition.

Inspection of property every Saturday until sale day. 10% down

Owners,

JOHN A. & KATIE E. LAPP

Kenneth Covelens, Atty.
Abe Diffenbach, Auct.

FARM DISPERSAL

Mr. & Mrs. Leo Dwen, RD Meshoppen, Auburn Twp., Susquehanna Co., Penna. having decided to discontinue farming we have been commissioned to sell

WEDNESDAY, NOVEMBER 10th

At 11:00 A.M.

at the farm (Dick Bray Farm) just west of Auburn Four Corners; 10 miles south of Montrose, Pa. use Rte. 29 to Dimock, go West to Elk Lake turn left at blinker follow arrows. 8½ miles from Meshoppen take Rte. 267 to Auburn Center turn right follow arrows to farm.

42 REG. & HI-GRADE HOLSTEIN CATTLE 42

30 cows and bred heifers (6 reg.) a year round herd with 5-6 fresh, 7 due in next 40 days balance various stages, not on DHIA now but records to 19000M RHA of 13000M; 12 started calves & open heifers. 30 day blood & TB - Inoculated - Vet Examined.

TRACTORS & MACHINERY

JD 2240 w/143 loader, 1200 hours a top tractor; Massey 175 Diesel 1700 hours; JD 483 mow-cond.; JD 410 round baler like new; NH 269 baler w/thr.; Farmhand rake; Allis Chal. 24' elevator; Bale King hay wagon; Papec 3500 chopper corn & pick-up head, NI 621 blower (like new); Papec Forage box w/roof; Snowco Mow Conveyor 40' exterior 90' in mow; Patz 181 sprd.; NI 214 spreader; 2 JD #6 choppers; corn & direct heads; Woods 5' rotary mower; 1955 Ford Dump Truck (running); 3 pt. hay mover; stock tanks; fuel tanks.

MILKING EQUIP.: Surge 30+ Alamo pump; 2 Surge units; strainer & pails.

PRODUCE: 15-18 ft. haylage in 14x50 silo; 20-25 big round bales; small lot square bales.

AUCTIONEERS NOTE: A good lot of equipment, cattle will go home and respond.

TERMS: CASH OR GOOD CHECK

LUNCH AVAILABLE

MR. & MRS. LEO DWEN

Sales Managers & Auctioneers

Howard W. Visscher	**Bill Mead**
Nichols, N.Y.	**Montrose, Pa.**
607-699-7250	**717-278-2901**

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

DAVID H. GOOD & SONS

111 North Maple Ave., Leola

717-656-9558

PUBLIC AUCTION

OF VALUABLE REAL ESTATE, ANTIQUES, PERSONAL PROPERTY

THURSDAY, NOV. 18

At 10:00 A.M.
Real Estate at 1:00 P.M.

In Intercourse, PA take Rt. 772 East (E. Newport) to Poplar St. (1 block east of Deitsch Shier) and turn right. Follow Poplar St. to sale at 61 Poplar Street.

Real Estate consists of an 11 yr. old 3 bedroom brick rancher with living room, full bath, eat-in kitchen, dining area, brick fireplace in basement, and 2 car garage. This well insulated, plaster home has electric baseboard heat; well water; full basement with outside entrance; attic storage; garbage disposal; range; hardwood floors; some w/w carpet; storm windows, doors and screens; smoke and heat detectors, and macadam drive. Property is nicely situated on a lot approx. 120'x180' at the end of a dead end street. **Financing Available**

ANTIQUES

Jelly cupboard; 2 blanket chests inc. 1 nicely grained; Oak inc. sq. extension table w/boards, clothes trees, roll top bed, dresser, washstand, sm. slant front desk, pressed back & other rockers, & bow glass china w/claw ft.; decorated plank bottom rocker; cane seat & back rocker; ice cream chairs; Victorian table; fernery; benches; flat trunk; nice Waterbury shelf clock; tramp art mirror & frame; kerosene lamp; bar quilt & top; braided rugs; market basket; sm. iron pot; China ice cream service; depression glass inc.; sherbets & cherry bowls; carnival type depression water set; carnival bowl & candle holders; iron spatula; pressed glass inc.; cake stand; milk glass hen on nest; china bowls.

PERSONAL PROPERTY

Coppertone side by side refrigerator; Coppertone automatic washer & dryer; maple dinette set w/4 chairs; 4 swivel bar stools; 3 pc. bedroom suite; chest drawers; night stand; platform rocker; color portable TV; formica dinette set; utility & base cabinets; folding table & chairs; picnic table & benches; dehumidifier; gone w/wind lamp; bookshelves; picture frames; Hoover upright sweeper; several pcs. Guardian cookware; Knowles china service for 12; wooden handled knives & forks; knick-knacks; linens; bedding; jars; pots; pans; 5 HP New Holland riding mower; Parker lawn sweeper; few garden tools & much more.

TERMS: 10% down day of sale, balance at settlement. However, owner will finance 60% of the property by a first mortgage at 11% over 20 years with a 2 yr. recall to a qualified buyer.

1% broker participation invited - must register client with auctioneers 48 hours before sale.

Inspection: Saturday, Nov. 6, 1982 from 10 AM to 3 PM or call Jay Leary at 354-0423 or 354-4071 for appointment.

Note: This well built brick home is in nice condition and located in a quiet area of town.

Sale by

EMMA M. MYER

(P.O.A. Dolly Lapp)

Attorney: Dale Lapp of Barley, Snyder, Cooper & Barber
Auctioneers: Ira Stoltzfus & Son
442-4936 or 442-8254
Jay M. Leary
354-0423

FOOD AVAILABLE

No Out Of State Checks **Not Responsible For Accidents**

"List your sale today with Ira, Dale, or Jay"

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

WED. NOV. 10 - 10 A.M. Public Sale of Farm Machinery, Horse Drawn Equipment, Trucks, Cars, Nursery Equipment, Ber Supplies and Office Equipment. Located 2 mi. north of York Springs along Business Rt. 15 in Latimore Twp., Adams Co., PA. Chester B. Worley Estate. Clair R. Slaybaugh, Auctioneer

WED. NOV. 10 - Public Sale of Surplus Const. Material. Located in Waynesboro, VA. Vilsmeier Auction Co.

WED. NOV. 10 - Public Sale of Cattle. Located at the Belleville Livestock Market.

THURS. NOV. 11 - 11 A.M. Public Sale of Cattle. Located 6 mi. from I-81, exit at Lenox, exit 64, go east of 1st hardtop road in South Gibson, turn right, go to fork in road and straight through on dirt road. T. Robert Williams, Owner. Backus Associates, Inc., Auctioneers

FRI. NOV. 12 - 5:30 P.M Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. NOV. 12 - 9 A.M Public Sale of Farm Equipment Located at New Holland Sales Stables, Inc., 12 mi. east of Lancaster, PA at New Holland, Pa.

FRI. NOV. 12 - 6:30 P.M. Public Sale of New Appliances, Kitchen Cabinets and Vanities Located along Rt. 772 between Brownstown and Leola in the Village of Talmage, Lancaster Co., PA. Stoltzfus Cabinet Shop, Owner. T. Glenn and Timothy G. Horst, Auctioneers

FRI. NOV. 12 - 1.30 P.M. Public Sale of~ Cattle. Located at Blue Ridge Livestock Sales, Inc, Charles Town, WV.

FRI. NOV. 12 - 1:30 P.M. Public Sale of Swine. Located at Carlisle Livestock Market, I-81, exit 12.

FRI. NOV. 12 - 7 P.M. Public Sale of Cattle. Located at Thomasville Livestock Market, Thomasville, PA. South Central PA Cattlemans Graded Feeder Calf Sale.

FRI. NOV. 12 - 11 A.M. Public Sale of Cattle. Located on Sixes Rd., south of Rt. 140 (Emmitsburg-Taneytown Rd.) in Frederick Co., MD, from U.S. 15 take Rt. 140 east to Simmons Rd., follow Simmons Rd. south to Toms Creek Church Rd., turn left, cross Keysville Rd. and bear right on Sixes Rd. to 2nd farm on left. Jack Kling, Owner Remsburg Sale Service, Auctioneers

MON. NOV. 15 - 12 Noon. Public Sale of Cattle. Located at the Frederick Fairgrounds, Frederick, MD. Marlin Hoff, Owner. Remsburg Sale Service, Auctioneers

TUES. NOV. 16 - 11 A.M. Public Sale of 166 acre dairy farm. Located between Yellow House and Boyertown, just off Rt. 562. Jane R. Arnold, Owner. Horning Farm Agency, Auctioneers.

TUES. NOV. 16 - 11 A.M. Public Sale of Farm. Located between Yellow House and Boyertown, just off Rt. 562. Jane R. Arnold, Owner. Elton and Alvin Horning, Auctioneer.

TUES. AND WED. NOV. 16 and 17 and MON. AND TUES. NOV. 22 and 23 - 5:30 P.M. Public Sale of Groceries, Paper Goods, Notions, Hardware Items, Clothing, Shoes, Boots and Etc. Located at 660 East Main St., Rt. 25, Hegins, Pa. Masser's Store, Owner. George and Mike Deibert, Auctioneers

TUES. NOV. 16 - 5:30 P.M. Farmersville, Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa. John J. Rutt and Auctioneer

TUES. NOV. 16 - 6 P.M. Public Sale of Building Supplies, Dump Truck and Tractors. Located West Cocalico Twp., take Rt. 272 north of Ephrata, turn north onto Schoeneck Rd. to edge of town of Schoeneck, bear right past fire hall onto Swamp Bridge Rd., travel approx 3 mi. to auction on right along Swamp Bridge Rd. Lloyd W. Zeiset, Owner. Randal Kline, Lloyd Kreider and Roy Good, Jr., Auctioneers

WED. NOV. 17 - 1 P.M. Public Sale of Real Estate. Located 2 mi. north of York Springs along business Rt. 16 in Latimore Twp., Adams Co., PA. Chester B. Worley Estate. Clair B. Slaybaugh, Auctioneer.

WED. NOV. 17 - Public Sale of Const. Equipment. Located in Yocumtown, PA. Vilsmeier Auction Co.

THURS. NOV. 18 - Public Sale of Const. Equip. and Trailers. Located in Bound Brook, NJ. Vilsmeier Auction Co.

THURS. NOV. 18 - 10 A.M. Public Sale of Real Estate, Antiques and Personal Property. Located in Intercourse, PA take Rt. 772 East, E. Newport, to Poplar St., 1 block east of Deitsch Shier and turn right, follow Poplar St. to sale at 61 poplar St. Emma M. Myer, Owner. Ira Stoltzfus and son and Jay M. Leary, Auctioneers

FRI. NOV. 19 - Public Sale of Line Equipment. Located in Astoria, NY. Vilsmeier Auction Co.

FRI. NOV. 19 - 6:30 P.M. Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles Est of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners. Ray Long & Dave Imes Auctioneers.

PUBLIC SALE

FARM EQUIPMENT

SAT. NOV. 20, 1982

Situated in Lower Paxton Twp., Dauphin Co., Pa. Along Red Top Road. ½ mile East of Nye Road.

Farm Equipment

John Deere 2840 diesel tractor 900 hrs. JD 148 loader. JD 2520 diesel tractor W.F.E. JD 2510 gas tricycle tractor. JD Hi-Com B tractor. 1938 JD Model A tractor. Leyland 472 diesel tractor FWD with cab. Cockshutt 570 diesel tractor, Sheppard SD3 diesel tractor. JD 70 skid steer loader. JD 237 mounted corn picker. JD 45 S.P. combine with 10 ft. grain head. JD 336 Baler with ejector. Fox 900 PTO harvester 1 row corn head. Hesston P-T-7 mower-conditoner. JD #9 3 pt. mower. JD #5 mower, and parts. JD #60 blower. JD 321 36 ft. elevator. Mayrath 24 ft. elevator. JD 400 grinder-mixer. JD 40 manure spreader. Ontario 14 hoe grain drill. American grass seed drill. JD 1240 4 row corn planter. JD 290 corn planter. 2 JD 1065 wagons with Calhoun forage bodies. 2 wagons with baler bodies. 2 New Idea 8-T wagons with Kil-Bros gravity bins. Wagon with feeder bed. Wood wheel wagon. JD F-125 4-16" plow. JD F-125 3-16" plow. JD F-45 3-16" plow. JD 4 row 3 pt. cultivator. Hammil 2 row 3 pt. cultivator. JD 2 section rotary hoe, Mohawk 5 tooth chisel plow. JD 8 ft. 3 pt. tool bar.

JD KBA 10 ft. wheel carrier disk harrow. Case 28 disk harrow. JD 78 3 pt. scraper. JD #2 3 pt. ground scoop. Leinbach 5 ft. 3 pt. rotary mower. PTO cordwood saw. Danuser post hole digger. JD engine driver 6 inch hammermill. Hanson field sprayer. 2 wheel steel tank trailer. Syracuse walking plows, single cultivator, log sled. Plow harrow att., 1200 Bu. wire corn crib. 300 gal. fuel tank. 2-275 gal. fuel tanks, feed carts, steel gates, metal creep feeder. Stock watering tanks, water bowls, level flow silage distributor, 9 inch silo pipe. Electric fencers, Lincoln 180 amp welder, air compressor, hydraulic cylinders, 20 ton hydraulic jacks, cast implement seats, rope tackling, hay forks, plywood feed bin, 8 HP lawn tractor, 55 gal. #20 oil, 16 gal. gear oil, baler twine and many other articles.

Dairy Equipment — Feed

Zero 300 gal. milk tank. SP 22 Surge pump. 6 Surge milker units. SS wash tank, SS pails, Milk cans, gestation calculator, 300 bu. speltz, 15 bu. heat, 15 ton hay, 10 ton straw, ear corn, 1200 board ft. 8" T & G spruce fencing, odd lots of framing lumber.

Owner,

GLENN T. KNACKSTEDT

Selling at the same time and place the following Personal Property for Edward T. Knackstedt Estate.

Personal Property

G.E. Refrigerator freezer, Electric kitchen range, Frigidaire washer, Chest freezer, china closet, buffet, table, oak rockers, oak arm chairs, plank seat chairs, oak kitchen cabinet, 3 pc. sectional sofa, oak library table, hall valet, Zenith console color T-V, Ashley wood stove, Oak kneehole desk, Victorian secretary, Victorian desk, Marble top stand, 4 piece bedroom suite, Iron bed, wardrobe, trunks, cottage chest, blanket chest, chest of drawers, wash stand, dresser, roll-away bed, Victrola, Singer treadle sewing machine, ladder back chair, oval rugs, cane seat rockers, composition doll, dated coverlet, china, glassware, cooking utensils, and numerous other items.

1962 Chevrolet Pickup Truck

Sale To Commence at 8:30 A.M.

Executor- Glenn T. Knackstedt
Executrix- Sylvania K. Merlo

Auct.- Carl S. Buffenmeyer
Attorney- Herbert A. Schaffner.

Order of Sale: Household goods, small tools, farm equipment.

AUCTION SALE

WED., NOV. 17

10 A.M.

PAVEX INC./LIBERTY EXCAVATORS

To be held at Pavex's shop & yard facility on Red Mill Rd., Newberry Twp., Yocumtown, PA.

Everything Sells to the Highest Bidder.

PICKUPS & MECH TKS: (2) 80, (2) 78, (2) 77, & (1) 71 Chev C10, 69 Chev. C30 Mech.; CONTRS TOOLS incl. Generators, bumper jack, shop compressor, steam jenny, plate compactors, saws, bolt cutters, mower, snow blower, etc.; PLUS COMPRESSOR, BROOM TRACTOR, TRENCHER, HAMMERS, PAVER, ROLLERS, SKID LOADER, TREE SHEAR, BACKHOES, GRADERS & SCRAPER, EXCAVATORS, & CRAWLER TRACTORS & LOADERS

Terms: Complete Payment Sale Day in Cash or Guaranteed Funds Only.

Write or call for descriptive brochure:

VILSMEIER AUCTION CO., INC.

Rt. 309, Montgomeryville, PA. 18936
(215) 699-5833

COLDSPRINGS FARM PRODUCTION SALE

Sale to be held at the Frederick Fairgrounds — Frederick, Maryland.

MONDAY, NOVEMBER 15, 1982

12:00 Noon

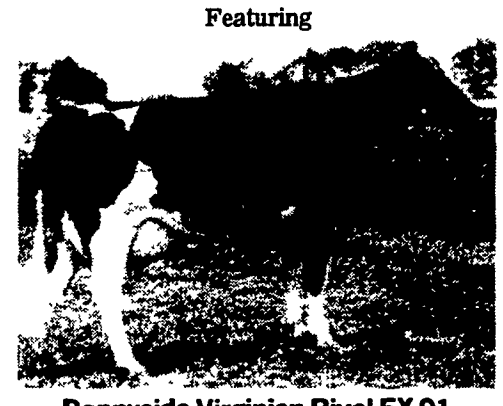
86 REGISTERED HOLSTEINS 86

47 Cows - 34 Close or Fresh Heifers
5 Bulls (Service Age)
1 EX and 26 VG or GP sell

MILK MILK MILK

3 sell with records from 24,000M to 24,720M
7 sell with records from 22,000M to 24,000M
4 sell with records from 20,000M to 22,000M

Featuring



Bonnyside Virginian Rival EX 91
4-10 365 21,890 3.9 868
Selling fresh in October

14 selling with records from 700F to 934F. 32 of those selling in first and second lactations. 19 selling have dams with 26,000M to 31,350M. 23 selling have dams with 20,000M to 26,000M. 15 selling have dams with 900F to 1063F. 17 selling have dams with 700F to 900F.

5 Service Age Bulls Sell: A Bell son from an E-2E Matt with 1013F. A Bell son from a VG Elevation with 799F. An Ivanhoe Star from an EX Standout with 968F. A Mars Tony from a VG Conductor with 907F. A Bell from a VG Elevation with 827F.

Auctioneer's Note: This is a good cross section of one of Maryland's best known and most highly respected Holstein herds, with emphasis on base milk. Take advantage of this opportunity!

Bar-B-Q Lunch beginning at 11:00 A.M. *courtesy of Coldsprings Farm.*

Owner

MARLIN HOFF

Coldsprings Farm
New Windsor, Md. 21776
Ph. 301-775-7670

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755
Ph. 301-473-8214

SOUTH CENTRAL PA. CATTLEMANS

GRADED FEEDER CALF SALE

at

Thomasville Livestock Market
Thomasville, Pa.

on

FRIDAY, NOV. 12th

at 7:00 p.m.

For more details contact:

Walter Laird 292-3235 — Charles Sunday 764-4321

HOLSTEIN DISPERSAL

On the farm located on Sixes Road south of Route 140 (Emmitsburg-Taneytown Road) in Frederick Co., Md. From U.S. 15 take Route 140 east to Simmons Road, follow Simmons Road south to Toms Creek Church Road, turn left, cross Keysville Road and bear right on Sixes Road to second farm on left.

FRIDAY, NOVEMBER 12, 1982

11:00 A.M.

62 HOLSTEINS - 55 REGISTERED - 7 GRADES
31 Cows - 27 Registered - 4 Grades
1 Service Age Bull - 7 Bred Heifers -
6 Registered - 1 Grade - 23 Open Heifers and Calves - 21 Registered - 2 Grades
Rolling D.H.I. average - 17,985M 3.6% 644

Featuring this VG 87 Elevation:

WALTMOR ELEVATION SOPHIA 9629081
(She's a potential EX Cow)
4-1 365 23,740 4.4 1037
Due at sale time to Leadfield Columbus. Her service age son by Boot Nick also sells.

EXCELLENT BREEDING

Cows selling by Elevation, Astronaut, Kinglea Total, Fury Ivan, Quality Ultimate, Glen Valley Star, Milestone, Lime Hollow Elevation Mars, Harrisburg Gay Ideal.

Heifers by Ocean View Sexation (4), Sweet Haven Tradition (2), Poverty Hollow Milestone (1), Tiho Kit Builder (2), S-W-D Valiant (1), Hanover Hill Triple Threat (2), Leadfield Columbus (2), Lime Hollow Elevation Mars (4), Jet Stream (1), Matador (3), Dunwood Bootmaker Lee (4).

Impressive Production

12 head from 700F to 1037F, 9 head from 20,000M to 27,610M, 8 head milking with 1st calf making good records.

A Few Samples:

SHENVA VAR JENNY LYNN GP 82 with 27,610M 3.4 949F. Sells fresh in August and milking over 100 lbs. She has 4 dtrs. selling, one by Leadfield Columbus, twins by Dunwood Bootmaker Lee and one milking dtr.

GAYDAWN MYSTIC LILY GP 82 with 20,350M 4.0 817F sells with dtr. by Bootmaker Lee.

MD GAYWINDS TRANSMITTER HELEN VG with 19,800M 4.1 813F. Daughter by Triple Threat also sells.

Many VG and GP cows selling along with their daughters by some of the breed's most popular sires.

Sale Manager's Note - This is a fine small herd of cows - good records - pleasing type - bred to top sires. The heifers are all home raised from the outstanding cows of the herd by some of the best bulls of the breed. An excellent place to buy!

Terms: Cash or Bonafide Check Sale in Tent
Catalogs Sale Day Lunch available.

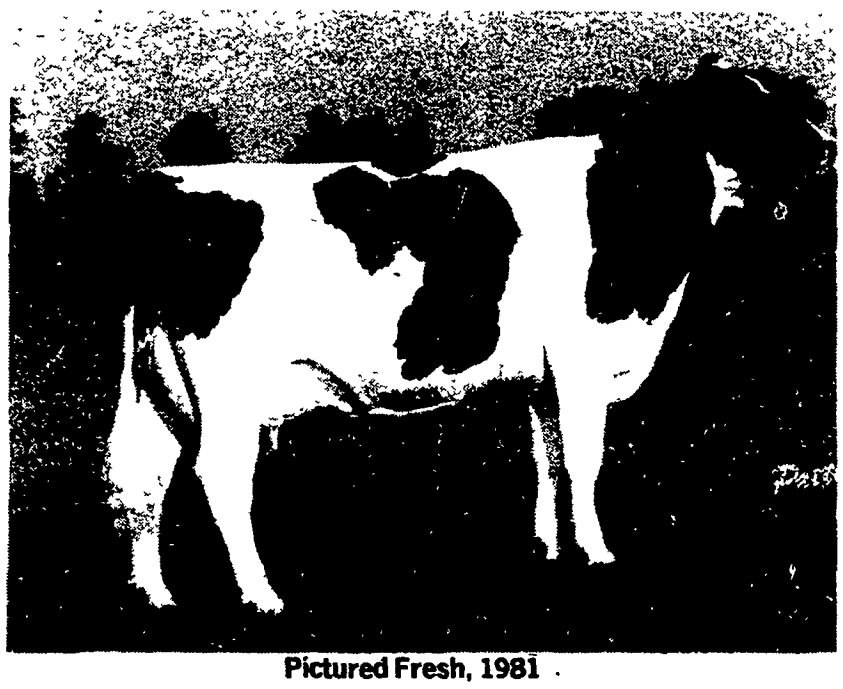
Owner **JACK KLING**
11207 Simmons Road, Route 2
Taneytown, Md. 21787
301-447-2742

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755
301-473-8214

Congratulations

fultonway farms

J. MOWERY FREY and FAMILY
WILLOW STREET, PENNSYLVANIA



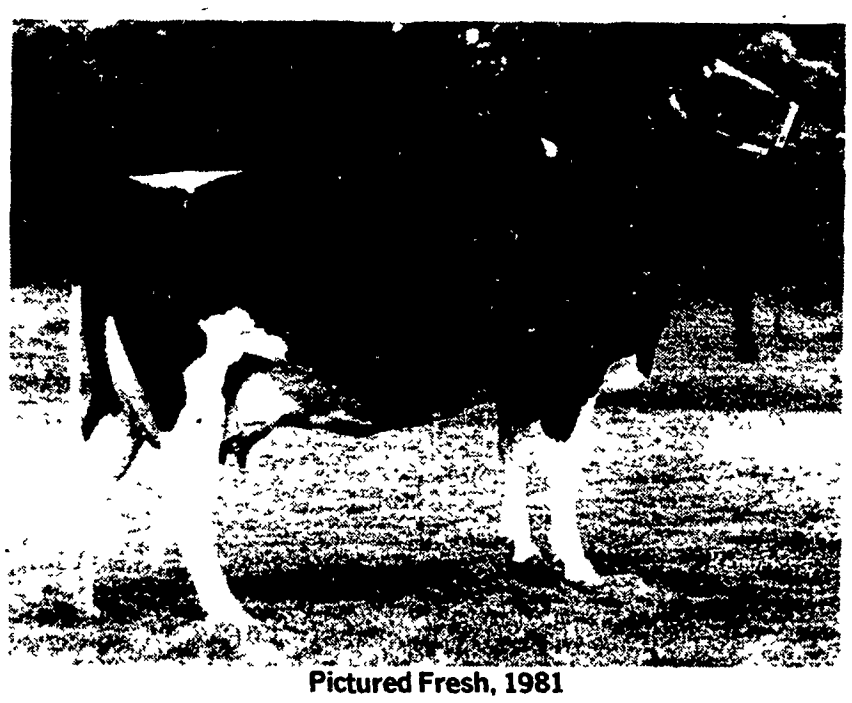
Pictured Fresh, 1981

Fultonway Farms purchased our recently named Reserve Champion EX: Dougal Lea Lucy Jessica due in November.

Her impressive show record lists as follows:

1st 2 yr. West Central Ontario Championship Show
8th 2 yr. Royal Winter Fair
1st 3 yr. West Central Ontario Championship Show
2nd 3 yr. Royal Winter Fair
3 yr. Reserve All Canadian

Twice Grand Champion At County Shows



Pictured Fresh, 1981

ALSO

Vlunds Conductor Diamond EX:90 due in December to SWD Valiant

3-3	322	20464	4.1	833
2-3	323	18050	3.72	671

With the Conductor's type, production, dept of pedigree & popular bloodline we're proud to see her go to Fultonway Farms.

We would like to thank all the buyers & dairymen in attendance at the show & sale Wednesday, October 27.

We would also like to personally thank our barn crew for the outstanding job of fitting the cattle. The many good comments sale day supported our satisfaction.

Please stop by & check this week's arrival of fresh grade & purebred cows showing lots of milk potential, tall, stylish grade & purebred springers & dairy calves — both grade & purebred.

DAY MONTHLY COW SALE SALE
AT LANCASTER
1st FRIDAY
DECEMBER 3
AT 11:00 A.M.

MEL KOLB Res. 717-393-7459

Lancaster Farm
2220 Dairy Road
Lancaster, Pa.
717-569-2106 or
569-6800
Dennis Kolb, Mgr.

Maryland Farm
Woodsboro, MD
301-898-7720 or
898-7663
Tom Miller, Mgr.

DAY MONTHLY COW SALE SALE
AT WOODSBORO, MD.
3rd THURSDAY
NOVEMBER 18
AT 11:00 A.M.

FREE LUNCH FOR ALL FARMERS - FREE TURKEY FOR EVERYONE WHO BUYS A COW

Public Sales Register

Closing Date - Monday, 5:00 P.M
of each week's publication

FRI NOV 19 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lan caster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auc tioneers

FRI. NOV. 19 - Annual Thanksgiving Dairy Cow Sale Located in Lan disburg, Perry Co., PA Artk Kling, Owner Glick, Auctioneer

FRI. NOV. 19 - 9:30 A.M. Public Sale of Horse Drawn Farm Machinery, Milking Equipment, Cattle, Mules and Hay Located in Lancaster Co., PA, 17 mi east of Lancaster, 7 mi east of Inter course, 1 mi north of White Horse, from Rt 340 go north on Rt 897, 1 mi to sale Abram L and An na Mae King, Owners Steve Petersheim, Auc tioneers

FRI. NOV 19 - 6 30 P.M Public Sale of Cattle Located at the Frederick Fairgrounds, Frederick, MD The Maryland Na tional Angus Sale Col Mike Jones, Auctioneer

SAT NOV. 20 - 10 A M Public Sale of Real Estate and Farm Equipment Located 1 mi south of the Village of Pitman in Eldred Twp, Schuylkill Co, PA 5 mi north of Hegins, turn east off Rt. 125 at Purple Pump Cafe, 11 mi northwest of I 81, exit 34 Harry H "Lut" Willier, Jr and Dave Willier, Owners George and Mike Deibert, Auc tioneers

SAT NOV 20 - Public Sale of Farm Equipment. Located taking Rt 501 north from Schaef terstown or south from Myerstown to Country House Restaurant At Restaurant turn east to 2nd road right after ELCO High School, "Wartluft Rd", 1 mi. to farm on left, Millcreek Twp., Lebanon Co., PA Carl M Zimmer man, John E. and Paul E Martin, Auctioneers

SAT NOV. 20 - 9 A M Late Fall Consignment Auction Sale. Jack Woot ton, Auction Manager.

SAT NOV 20 - 1 P.M. Public Sale of Hog Finishing-House Equip ment and Misc. Items. Located 2 mi. west of U S Rt. 11, turn right off U S. 11, 7 mi south of Chambersburg, PA at Crossroads Farm Dairy, onto Kauffman Rd, turn on Guitner Ed and left on Goldsmith Rd E and left on Goldsmith Rd E Richard Myers Lynn Dietrich, Auctioneer

SAT NOV 20 - 10 A M Public Sale of Real Estate, Household Goods, Anti ques and Lawn and Garden Tools. Located in Lancaster Co., PA, 2 mi west of Gap on Mine Rd, from Rt. 30 go south on Rt 41 to Town Clock, go west over railroad bridge, turn left and follow to sale Fannie E Smoker, owner. Steve Petersheim, Auctioneer

SAT. NOV. 20 - Public Sale of Const. Equip. Located in Edison, NJ. Vilsmeier Auction Co

SAT. NOV. 20 - 8.30 A.M Public Sale of Farm Equip ment. Located in Lowr Paxton Twp., Dauphin Co., PA along Red Top Rd., ½ mi east of Nye Rd. Glenn T. Knackstedt, Owner. Earl S. Buf fenmeyer, Auctioneer

SAT. NOV 20 - 9.30 A.M. Public Sale of Farm and Broiler Equipment, Elec trical Equipment and Other Equipment Located at Airport Rd, Manheim Twp, Lancaster Co., PA, across from Lan caster Airport Entrance on Airport Rd off Rt #501 Sensenich Corpora tion, Owner Lloyd H Behmer and Harry R. Henly, Auctioneers.

SAT. NOV. 20 - 1.30 P.M Public Sale of Real Estate. Located from Boyertown, Rt. 73 west 4 mi. to right turn on Terrace Rd., go 1 block to Ironstone Dr., turn left, then right turn on Shady to Auction site and on Rt. 73 go 1 mi. East Terrace Rd. to right turn on Schoolhouse Rd., go to Water St., turn right to auction site. Geyer-Girvin Auction Co., Inc.

FARMERSVILLE AUCTION

TUESDAY, NOVEMBER 9, 1982
5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Nice 8' & 12' pieces of rag carpet; Maytag wringer washer w/square aluminum tub; Electrolux sweeper w/power nozzle; pr. acorn poster twin beds, twin bedding, 3 pc. grey bedroom suite, crib, youth bed, metal wardrobe, base cabinet, 2 breakfast sets, elec. fan, BarBQ grill, step end tables, 75 cup elec. coffee pot, oil tank, Siegler space heater, Wonderwood wood stove w/thermostat & fan, aluminum storm doors, pump rods, Myers jack pump, 2" pipes, dishes, small items, etc. etc.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

MARYLAND & NEW JERSEY HERD DISPERSAL

2 Complete Herds
at the Shady Lane Dairy Sales, Inc.,
¼ mi. west of Quarryville, PA

FRIDAY, NOVEMBER 19
11:30 A.M.

120 Head Registered &
Hi Grade Holsteins
Watch Next Week's Issue For Full Details

Owner - Shady Lane Dairy Sales Inc.
Glen & David Fite
717-786-2759 or 1275

SHENANDOAH VALLEY LIVESTOCK SALES, INC.

SALES EVERY SATURDAY
1044 EDOM ROAD • POST OFFICE BOX 23
HARRISONBURG, VIRGINIA 22801
Phone (703) 434-4482 or
(Bill Joseph) 350-2481

SPECIAL FALL SALE
WEDNESDAY, NOVEMBER 10
7:30 P.M.
CATTLEMAN'S SPECIAL SALE
All weights
Yearlings, Heavy Feeders, Calves, Stock Bulls, & Stock Cows - All Breeds
REGULAR SALE EVERY SATURDAY - 1:30 p.m.
There will be heavy volume and good selection of calves and feeder cattle this fall, at our regular sales.

SPECIAL FALL DAIRY COW SALE

2 miles east of Landisburg, Perry Co., on Rt. 850 at new sale barn

TUESDAY, NOVEMBER 9, 1982
At 12 Noon

60 Purebred and Grade Cows and First Calf Heifers All hand-picked from northern PA, all fresh or close to calving, 1 purebred Red and White Holstein just fresh, cows milking from 50-80 lbs. Health charts - all cattle innoculated. Free lunch beginning at 11 A.M.

ALFRED W. ALBRIGHT, Owner
R.D. 1, Landisburg, PA
717-789-3387
Art Kling, Auctioneer
Fred Naugle, Pedigree

Date Changed - Time Changed

SHORT NOTICE SALE

MONDAY, NOVEMBER 15
7:30 P.M.

To be held at Smoketown Quality Dairy Sales Co. Rt. 340, 5 miles East of Lancaster, 5 miles West of Intercourse.

13 HEAD OF REGISTERED AND HIGH GRADE COWS AND HEIFERS OUT OF CHESTER COUNTY

Cows and heifers milking from 50 lbs. to 80 lbs. per day. DHIA Records from 12,000 to 20,000 lbs. Fresh or springing. This dairyman was overstocked.

Also selling at the time

Registered Cow born 9/12/77. Sire-Fury Relax bred to Magnet Chief Falcon Class. VG 86. 2 yrs. 345 dys. 11,769M 4.5T 525F. 4 yrs. 335 dys. 15,707M, 4.6T 724F, +1,433 milk +27F. Daughs. avg. 19,825M, 684F.

Registered Heifer born 3/11/80. Sire-Willow Farm Rockman Ivanhoe bred to Opportunity Shalimar. Dam-Flash +388M +3F. Dams record 3 yrs. 305 dys., 17,280M, 600F, 4 yrs. 302 dys. 18,820M, 652F.

Grade Cow. Sire-Rocket daughter bred to Kingway Elevation Very milking between 65 and 70 lbs. per day. 282 dys. 16,108M, 4.3T 691F. Next lactation 374dys. 19,236M, 4.1T, 788F.

One Registered Holstein Bull. Sire-Roybrook Starlite. Dam-Wayne Spring Fond Apollo VG, Cow Index over +2000.

One load Fancy Registered and Grade Cows and Heifers out of New England States and Canada consigned by Johnny Jr.

Watch Next Week's Issue For More Details

Sale managed by
SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930
Carl Diller - Paul Snyder — Auctioneers
Henry Kettering — Pedigrees
Johnny's Lunch Wagon

Date Changed - Time Changed

T. ROBERT WILLIAMS MILKING HERD DISPERSAL

THURSDAY, NOVEMBER 11
11:00 A.M. Uniondale, PA

At the farm - six miles from I-81. Exit at Lenox (Exit 64), go east to first hard top road in South Gibson, turn right, go to fork in road and straight through the dirt road. Watch for sale arrows.

ONE OF PENNSYLVANIA'S HIGHEST PRODUCING HERDS!!!
Current RHA: 22472M 3.4% 764F

50 REGISTERED HOLSTEINS
(40 Cows & 10 Calves)

Sale Features:
- A Potential 4th Generation Excellent with 20323M @ 2 yrs.
- A Very Good 87 Gay Ideal with 25912M @ 5 yrs.
- A Very Good 85 Elevation with 25836M @ 3 yrs.
- A Very Good 88 Willow with 21323M @ 4 yrs.
- A Very Good 88 Glendell with 19245M @ 3 yrs.
- A Very Good 86 Payday with 24876M @ 4 yrs.
- A Super Fancy Red Cow by Burket-Falls Rascal-Red with 23452M @ 2 yrs.
- A Large number in Heavy Production or Close.

Be sure to attend and buy at the sale of this Great Producing Herd!!

Owner,
T. ROBERT WILLIAMS
Uniondale, Pa.
717-222-3518

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
Mexico, N.Y. 13114 (315-963-7231)

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

SAT. NOV. 20 - 9.30 A.M. Public Sale of Horses, Dairy Equipment and Farm Equipment. Located 1 mi. east of Ickesburg, 10 mi. west of Millerstown, Perry Co., PA, off Rt. 17, turn on Hall Rd., farm at end of Hall Rd., Aaron K. and Elizabeth R. Smucker, Owners, Kling's Auction Service.

SAT. NOV. 20 - 10 A.M. Public Sale of Farm, Farm Equipment, Milk Tank, Hay, Straw, Truck, Car, Household Goods and Antiques. Located 4 mi. northwest of Kutztown, 1 mi. south of Kutztown turn off 222 toward Virginsville, follow Crystal Cave signs, 1 block past the Cabe turn right onto Saucony Rd. for approx. 1 mi. to steel bridge, turn to farm, Greenwich Twp., Berks Co., PA. William C. Christman Estates. Ralph W. Zettlemoyer Auction Co., Inc.

SAT. NOV. 20 - 10 A.M. Public Sale of Antiques and Household Goods. Located 4 mi. south of the Buck, turn right off Rt. 272 at Valley View Restaurant, go ½ mi. to Village of Chestnut Level, turn west on River Rd., 2nd place on left after the store, Drumore Twp., Lanc. Co. Estate of Mabel E. Jackson. Lloyd H. Kreider, Randal V Kline and Gary Shirk, Auctioneers.

SAT. NOV. 20 - 1 P.M. Public Sale of Real Estate. Located in Rapho Twp., Lanc. Co., PA, take Rt. 72 north of Manheim approx. 5 mi., take Cider Press Rd., 2 mi. west to site. Delta Corporation, Owner. E.M. Murry Associates, Auctioneers

THURS. AND SAT., NOV 25 and 27 - 9.30 A.M. Public Sale of Real Estate, Tools, Equipment, Coins, Antiques, Collectibles, and Personal Property Located at 137 W. Main St., Rt. 209, Elizabeth, Dauphin Co., PA. Marie M. Harman, Owner George and Mike Deibert, Auctioneers.

THURS. NOV. 25 - 9 A.M. Public Sale of Antiques, Furniture, China, Glassware and Collectibles. Located at Brickerville Fire Hall, just off of Rt. 322 between Ephrata and Hershey in village of Brickerville, Lancaster Co., PA. L. Roy and Evelyn B Dunkleberger, Owners. T. Glenn and Timothy G. Horst, Auctioneers

THURS. NOV. 25 - 9 A.M. Public Sale of Collector's Cars, Shop Tools, Hardware, Household Goods and Misc. Located in the Chanceford Community Center at the Brogue just off Rt. 74 in York Co., PA. Mr. and Mrs Wilson Durham, Owners. Bob and Tom Sechrist, Auctioneers

FRI. NOV. 26 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI NOV 26 - 7 30 P M Public Sale of Cattle. Located at Shady Lane Dairy Sales, Quarryville, Pa. Walter Family Club Calf Sale

FRI. NOV 26 - 4 P.M Public Sale of Land. Located near Myerstown, from Mt. Aetna take Mt Aetna Rd east 1 mi to Ketterman Rd., turn left to property, Tulpehocken Twp., Berks Co., PA Glenn E and Loretta Kilmer, Owners. Elton and Alvin Horning, Auctioneers

FRI. NOV 26 - 9 A M Public Sale of Pickup Truck, Farm Machinery, Tools, Antiques and Household Goods. Located approx 2½ mi. northeast of Delta, York Co., PA, off the road leading to the Atomic Plant, turning onto Pikes Peak Rd, proceeding to Wiley Rd, turn left and proceed to farm and place of sale on right. Mrs J Paul Wiley, Owner, Robert L. Sechrist, Auctioneer

SAT. NOV 27 - 11 A.M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Ray Long & Dave Imes Auctioneers.

SAT. NOV. 27 - 9:30 A.M Public Sale of Real Estate, Antiques and Household Goods. Located at 861 Park Hill Dr., 1 block off Rt. 72, ½ mi. south of Manheim, Lanc. Co., 1 block west of Merkey's Car Lot. Minnie Oxenreider Estate. Frank and Paul Snyder, Auctioneers

SAT. NOV. 27 - 2 P.M. Public Auction of 49 acre Limestone and Gravel Soil Steer and Tobacco Farm. Location - take Route 272 or 222 North from Lancaster or South from Ephrata to Brownstown. At Brownstown take Route 772 West to Rothsville. In Rothsville turn right onto Rothsville Road to 1st farm on left. Warwick Twp. Lancaster County, Pa. Auction by Aaron M. and Mary Z. Reiff, 1935 Rothsville Road, Lititz, Pa. Auction conducted by John E. and Paul E. Martin, Auctioneers

MON NOV 29 - 11 A M Public Sale of Cattle Located at LaGrangeville, NY Bower Farm Sale Hanover Hill Sales and Service, Inc

DECEMBER

SAT. DEC. 4 - 12.30 P.M Public Sale of Cattle Located at Livestock Pavilion, Cornell University, Ithaca, NY. Fall Harvest Sale New York Hereford Assoc. and New York Polled Hereford Assoc.

SAT DEC. 4 - 9 30 A.M Public Sale of Antiques, Household Goods, Tools, Coins and Car. Located along Hahnstown Rd between Bergstrasse School and Reamstown, East Cocalico Twp., PA Raymond S. Fox, Owner T. Glenn and Timothy G Horst, Auctioneer

SAT. DEC 4 - 9 A M 5th Annual Year-end Auction by Farmersville Equipment Inc. Located in Farmersville, PA John E and Paul E. Martin, Auctioneers

MON. DEC. 6 - 12 Noon Public Sale of Ayrshire Herd. Located at Narvon, R D 2, Robert Campbell, Owner, Milt Brubaker, Sales Manager.

FRI. DEC. 10 - 5.30 P.M Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT. DEC. 11 - 1 P.M. Public Sale of Swine. Located at the Auglaize Co. Fairgrounds, Wapakoneta, OH. Larry Leffel. 419-753-2281.

SAT. DEC. 11 - 1 P.M. Public Sale of Farm. Located in Swatara and Bethel Twps., 1½ mi. west of Fredericksburg, PA, Lebanon Co., along the Lickdale to Fredericksburg Rd., from the square in Fredericksburg, follow the Main St. west past C.F. Manbeck Poultry Plant, proceed approx. 1 mi. and crossover Int 78 Bridge, continue to farm auction sign to your right, from Lebanon proceed north along Rt 72, approx. 10 mi to Lickdale intersection, turn right at C P Long Sunoco Station and go approx 4 mi. to farm on your left. Katie Loverich Estate Roger L Myers, Auctioneer

FRI DEC 17 - 6 30 P.M Consignment Sale of Cattle and Feeder Pigs Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners. Ray Long & Dave Imes Auctioneers.

MON DEC 27 - 9 30 A M Consignment Sale Located at S. Race St, Myerstown, Pa. 17067 Sale held by Wengers Farm Machinery, Inc.

FEBRUARY

FRI. FEB. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna

MARCH

FRI MAR. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

SAT MARCH 5, 1983 Bart Township 19th Annual Fire Co Sale

APRIL

FRI APRIL 8 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc New Holland, Penna

SAT APR 23 - 17th Colonial Charolais Spring Sale Located at the fairgrounds, Frederick, MD Sponsored by the Colonial Charolais Assoc Managed by Buzz Garey, Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

A NATIONAL SALE -- AND WHAT POWERFUL QUALITY!
THE MARYLAND NATIONAL ANGUS SALE
FRIDAY, NOVEMBER 19, 1982
6:30 P.M.
Frederick Fairgrounds
FREDERICK, MARYLAND
SELLING: 65 SELECTED LOTS

2 Herd Bull-Prospects
63 Females with super calves at side
ATTENTION JUNIOR MEMBERS: Many superior show prospects for 1983 will sell!
FOR YOUR FREE REFERENCE CATALOG, address:
Tom Burke / Bernie Scheer
- Sale Managers -
American Angus Hall of Fame
Smithville, Missouri 64089
Phone: 816/532-0811

AUCTIONEER: Col. Mike Jones, LaGrange, GA
Sale Sponsored By:
MARYLAND ANGUS ASSOCIATION

Augie Velisek, President — John R. "Dick" Whaley III, Vice President
Samuel Riggs, IV, Sec.-Treasurer — Caryl Velisek, Secretary
Phone: 301/489-4519
Maryland Angus Association
1868 Route 94
Woodbine, Md. 21797

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

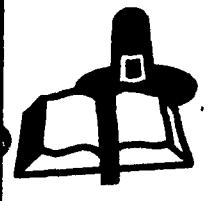
SPECIAL SALE
FEEDER CATTLE & CALVES
FRIDAY, NOV. 12th
at 1:30 P.M.
Blue Ridge Livestock Sales, Inc.
Charles Town, W.V. 25414
Phone: 304-725-5021

"ANNUAL THANKSGIVING DAIRY SALE"
FRIDAY, NOVEMBER 19, 1982
12:00 Noon

Selling at Art Kling's Sale Barn, located 15 miles North of Carlisle, on route 74, 2½ miles Northeast of Landisburg, Perry Co., Pa.

60 HEAD HOLSTEINS 60
Over Half are Registered - Some I.D. Grades
Balance Top Grade Cattle

Load of Canadians nearly all Registered & Recently Fresh!
Sired by: Clinton Camp Majesty, Selling Rockman, Marquis Prince, Mississippi Fury, Perseus Leader, Admiral Citation.
Group of Good Young First & Second Calf Heifers from the Cortland, N.Y. Area! Over ½ Are Registered; Some with Milk Records; All will be fresh by sale date.
Plus 10 Fresh Grade 1st Grade Heifers from one herd in Northern Pa. All Sired by NEBA Sires.
"If you are looking for a good young animal, registered or grade, don't miss this opportunity to add to your herd and help your base production!"



FREE LUNCH FOR YOU AND THE FAMILY SERVED AT 12:00 NOON
COW SALE PROMPTLY AT 1:00 P.M.
"A prize goes with every cow sold - Turkeys, Candy, Cash!
All Cattle Vaccinated for Shipping Fever Complex
Some Heifer Calves — Health Charts

Owner,
V. ART KLING
R.D.1, Landisburg, PA
717-789-3883

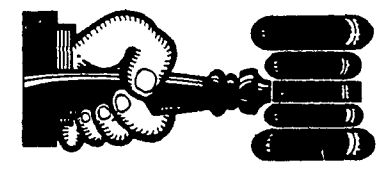
Mark Glick, Auctioneer
Fred Naugle, Pedigrees

AWFUL AUGIE'S CLUB CALF SALE
FRIDAY, NOVEMBER 12, 1982
7 P.M.
Fairgrounds - Frederick, Maryland
32 PUREBRED ANGUS STEERS

These are big framed Angus steers weighing between 500 and 650 pounds from reputable breeders. We know the sire and dam of every calf.

4 CROSSBRED STEERS

Consignors:
BACK ACRES ANGUS, Mt. Airy, Maryland
JAYHAWK FARMS, Middletown, Maryland
PURPLE BLEND ANGUS, Woodbine, Maryland
RISHELS EDLYN FARM, Glen Rock, Pennsylvania
STONYLONESOME FARM, Stahlstown, Pennsylvania
For info: Augie Velisek
1868 Rt. 94, Woodbine, Md. 21797
301/489-4519



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- MAILING LIST AVAILABLE

We are now listing Fall Sales.

PURINA®
BIO-4®
FEEDING PROGRAM

A program of feeding pullets and layers precisely the amount of nutrients they need to grow and produce eggs efficiently. Now such precision is possible with the Bio-4 rations. Five levels of feed fortification for five intake levels are provided in the series of rations. Bio-4 ration options allow even greater flexibility to meet specific needs in your particular operation. Also, from Bio-4 concentrates, complete Bio-4 rations can be mixed.

The Bio-4® Feeding Program:
- ★ Promotes optimum performance
- ★ Eliminates expensive nutrient wastage
- ★ Improves feed efficiency
- ★ Permits egg size control
- ★ Provides flexibility to changing conditions
- ★ Compliments benefits of other Purina programs

For more details about the Purina Bio-4 Feeding Program, ask your Purina Salesman or Dealer, or request Purina Bio-4 Feeding Program (P1702) from Purina. If you have specific nutrient needs in your operation, ask about the Bio-4 options. If you have milling facilities available, ask about the Bio-4 Concentrates from which any complete Bio-4 ration can be mixed.

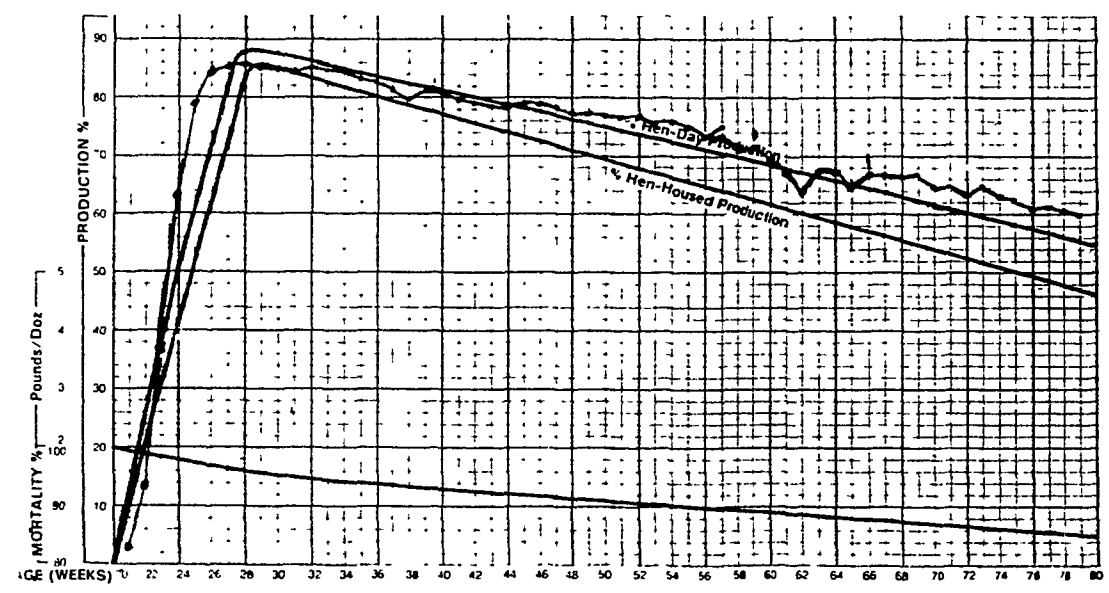
PROOF THAT IT PAYS TO FEED PURINA

No One Offers More...

Strain	DeKalb DK
Number of Pullets Housed	31,100
Mortality (%)	6.78
Date Pullets Capitalized	20 Weeks
Date Out	April 13, 1982
Average Hen-Day Production (%)	71.0
Dozens of Eggs per Hen	24
Pounds of Feed per Dozen Eggs	3.52
Pounds of Feed per 100 Hens	20.9

The following Purina programs were used during this flock's laying cycle: Bio-Mittent™ Lighting Program; Nutri-Cycle® System of Feeding Poultry; Winter Ventilation; Limi-Fed® Program

WEEKLY FLOCK PERFORMANCE GRAPH



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GORDONVILLE PA 17529

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23 N PARK ST RICHLAND PA 17087

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Good Breeding | Sound Management
Careful Sanitation | Good Feeding
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